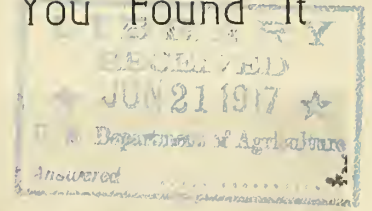


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"Leave the World More Beautiful than You Found It"



Gloede's

Research in
Horticulture

1914



RICHARD F. GLOEDE

*“ He is Happiest Who Hath the Power
To Gather Wisdom from a Flower ”*

Gloede's

I Ask this Favor of You:-

Will you preserve this
Manual of Research until
you receive the next
edition?

I believe you will find
it useful at all times,
containing, as it does, material
on this fascinating subject
obtainable in no other volume.

Richard T. Gloede

Kindly bear in mind
that years of experience
are compressed
into these few pages.

Research in Horticulture

1914

Brief Resume' of Progress
in Recent Years

Growing Plants by Electricity

Story of a Famous Old Tree

Finest Selected Perennials

Landscape Department

Greenhouse Department

Decorative and House Plants

Miscellaneous

GLOEDE'S CONSERVATORIES

Display and Trial Grounds

EVANSTON, ILLINOIS

All Phones: Evanston 404



Gloede's Research in Horticulture



AT THE AGE of twelve, in the year 1883, I came with my parents to this country from Germany, settling at Cleveland, Ohio. My first employment was as an apprentice in floriculture. It was natural that I should follow the calling of my father, who had been for a great many years a government forester in the old country.

I had learned considerable from him regarding plant life, working during the day and receiving my education in the evenings.

One of the first steps taken toward self-improvement was the study of design and decoration, followed by a course in landscape gardening and architecture, from which I grad-

uated in 1893, brimming over with that intense love for my profession, which has been the cause of my success, this love not having diminished one whit since my first childish endeavors to learn the riddle of the flower. Actual practical experience accompanied theory at every stage, so the result has been a completely rounded-out education.

It was in May of 1893 that one of the greatest events of my life occurred—I married. Mrs. Gloede is a real American girl, and as is the habit with her sex, she had her way, and we settled in her home city, Chicago.

For several years I enjoyed the honor of managing some of the largest florists' establishments in the country; then, realizing I was disseminating my knowledge among those who were largely unappreciative, I decided to start for myself in my chosen life work.

In the spring of 1899 we reached Evanston, a city which, with all the North Shore suburbs, had considerable attraction for me because of its fine residential section. I saw tremendous possibilities for landscape work, with fine opportunities for business with people who knew and loved flowers. Subsequent events have proved my judgment correct.



THE LITTLE FARM HOUSE



OUR FIRST EVANSTON HOME
Marked by Cross

My total capital at that time consisted of \$85.00, yet from that small nest egg I spent \$25.00 as first payment on the purchase of twelve lots located at Gray Avenue, near Emerson street, the total cost of which was \$3,000.00.

My wife—still the real American girl—our little son of five, and I lived in a tent on our newly-acquired property until October of that year, when the discovery of ice under the bed one morning caused serious consideration as to a more permanent abode. That same day, im-



Leave the World More Beautiful than You Found It



mediately after breakfast, I looked about for material and decided to build a shack from a lot of old lumber I had purchased at the wrecking of a building which had stood where the City National Bank is now located.

With the aid of my dear wife this new habitation of ours was completed in a very few days, making us a snug and comfortable house. It consisted of one room, 18x20 feet in extent, roof, walls and floor of planks. Tar paper was used to cover the outside, the interior decorations consisting of two coats of whitewash. My wife, however, with a woman's natural ingenuity, added those touches of femininity that convert the barest hut into a home.

We lived in this fashion for eight years. During this time I had added greenhouse to greenhouse, as well as built a couple more rooms onto our home. In 1907 I sold the entire plant to the Sanitary District for approximately \$20,000.00. It was a gratifying result of years of almost constant work—a property upon which the first payment had been but \$25.00 to now realize \$20,000.00.

One sometimes is compelled to listen to the wails of the disappointed: "Oh, there's no chance for me here. I'll have to go West and try my hand. This place is no good for a fellow." I submit my humble accomplishments as absolute refutation of this fallacious reasoning.

It was in the fall of 1907 that one day I came across the place where my conservatories now stand. At that time it was occupied by a little farm house. While the property consisted of five and a half acres it certainly presented to the uninitiated nothing particularly attractive. My trained eye immediately saw in it an ideal spot for the purpose I had in mind—a purpose which had steadily grown stronger since I first expressed my boyish determination to be one of America's foremost horticulturists.



OUR PRESENT RESIDENCE



"THE REAL AMERICAN GIRL"

Richard A. Glode



Gloede's Research in Horticulture



The Growth of Plants by Means of Electricity

By F. L. COOK

From the Electrical Review and Western Electrician

In recent times we have had brought conspicuously to the attention of the country the subject of the conservation of our natural resources. With this end in view, scientists and investigators of the Department of Agriculture have been carrying on experiments to determine how best to increase the crop yield of the various staples upon which we rely for our food products.

In these tests, among other things which have been tried out, we find electricity is coming to the front. Experiments recently made with high-frequency electric currents have shown wonderful results in the propagation of plant life. A series of investigations have just been completed in one of the large greenhouses of a suburb of the city of Chicago which should prove of great import to those who are interested in the development of the soil and its products. This work is being carried on by Richard Gloede, a prominent landscape gardener of Evanston. His building is fitted with every facility for making accurate and reliable tests as to the action of growing plants under the stimulus of electricity.

Experiment work was started early in the spring of the present year, and the tests are just at this time drawing to a close. Stimulation of the plants under cultivation was obtained by high-tension electric currents. In the preparation of the hot-house beds, a single galvanized-iron wire was imbedded in the soil previous to setting in the plants. Suspended about four feet above the flower bed, or "bench," as it is technically called, was placed a network of wires put together so as to form about a twelve-inch mesh. At frequent intervals along this network short brass chains were suspended. The entire screen of wires was carefully insulated from the structure upon which it was stretched.

In operation, two wires lead from the source of energy, one of which is attached to the conductor imbedded in the earth, while the second wire is joined to the overhead network. Very high voltage and frequency is used, an electrical field being produced in the space occupied by the flower beds. In this way plants which are growing in the flower beds are directly under the influence of the electrical field.



A FEW OF THE MELONS REFERRED TO



Electrically Stimulated Plant

Natural Growth Without Electricity

The apparatus utilized for the production of the high voltage consists of a transformer and a frequency changer. The outfit is connected to the secondary lines of the North Shore Electric Company, the local electric service company, which delivers the power at 110 volts and sixty cycles. The current first passes through a frequency changer. This raises the frequency from sixty to about 600 cycles, after which the electric current passes through a large transformer, which steps up the voltage to about 250,000. It is this voltage which acts on the growing plants. The present machinery consumes about four horsepower, being adapted to a twenty-acre field.

The results of the tests made are truly remarkable and have exceeded the expectations of the experimenters. It is interesting to note the growth of chrysanthemums, a large number of which are annually grown by Mr. Gloede for the Chicago flower markets. When the plants were first set out, two beds were prepared side by side, and exactly alike, except that one bed was wired for electrical treatment, while the other was not. The bench which was not wired was planted with a select lot of shoots, while the "electric" bed was filled with the culls and weak plants, which had been discarded from the first lot. The latter bed was kept constantly under the influence of the electric current while the other was allowed to grow in its natural way.

It was early noted that fungus growth, which is so prevalent in hot-house soils, and is responsible for the death of large numbers of plants, due to its parasitic growth on their roots, was in turn attacked by the electrical waves and in a short time entirely disappeared.

The plants, however, were not adversely affected, and began to show a rapid growth. It was found necessary to pinch their tops off



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several times in order to keep the stalks down to a marketable height. In addition, it was observed that the electrically treated chrysanthemums were much hardier than the naturally grown plants. Hot-house flowers are planted very closely together to economize space, and consequently, as the flowers grow toward maturity, they help to support each other, with the result that their stalks are generally weak, and when the plants are transferred to pots for sale, there is considerable loss through breakage. In the course of the experiments it was found that the energized plants were thoroughly self-supporting, and furthermore, showed an average of twice as many blooms on each plant.

Tests were also made on the growth of roses and carnations, and it was found that by using the electrification process about four times the yield could be obtained from a regulation bed in the same length of time required by former methods of cultivation. Also, there was a marked absence of stem rot, which is a characteristic ailment of these plants.

Interesting results were obtained in the open-air garden situated in the greenhouse yard. This place was equipped similarly to the hot-house beds, having a network of wires suspended about eight feet above the ground and covering a garden plot approximately fifty feet square. In this space was planted the usual assortment of garden truck. The plants were given no assistance other than being electrically treated and properly cultivated, relying entirely on the rainfall for their water supply. All varieties thrived continuously, showing good growth even through the nine weeks of extremely dry weather which prevailed last summer.

Radishes were grown three inches in diameter which retained their flavor and showed no signs of being pulpy and stringy. Tomatoes and corn grew to unusual size, at the same time keeping their uniformity of shape. The bumper crop, however, was the muskmelons. These were planted from seed on the eighth day of June, in a plot of ground twenty feet square, and in nine weeks, lacking three days, 362 melons were harvested, all ripening at practically the same time. A peculiar feature of the



MR. GLOEDE INSPECTING GROWTH OF PLANTS

electrification treatment is that the melons were made noticeably sweeter.

Mr. Gloede does not confine the use of electricity alone to the propagation of plants. His entire grounds are a model of modern illumination. The greenhouses and residence adjoining are brilliantly lighted with tungsten lamps, while a cluster lamp-post serves to display the beauties of the landscape gardens at night.



A GORGEOUS ARRAY OF BLOOMS AS RESULT OF ELECTRICAL APPLICATION



After a Lifetime of Over 600 Years, Only to Meet at Last With Ill Treatment by Fire, This Famous Old Tree Will Now Be Preserved and Honored



Tired, But Tree Now Ready to Move



Evanston's Youngest Historical Member, Randolph Culver Gloede, Hoisting Old Glory in Honor of Giant's Arrival

A Famous Old Tree And Its Last Resting Place

From Hurd's "History of Evanston"

"Another North Shore tree that has become historic on account of the attention of the modern newspaper reporter, is what was known as "the Pottawatomie tree," located about three miles west of Wilmette, on the farm of M. A. Kloefer, who secures quite a revenue from its exhibition. This was a remarkable tree, but is now dead, having been partially destroyed by fire and cut off some thirty feet from the ground. It was said to be the largest tree in Illinois, a cottonwood, 160 feet high and eighteen feet in diameter, with a hollow trunk that would hold thirty-one people. All sorts of Indian traditions, of the impromptu variety,



Bruin Resents Disturbance and Appeals to His Youthful Master for Protection



Leave the World More Beautiful than You Found It



have been related with reference to its Indian history, most of them being about as reliable as the average historical novel, or the relation of an old settler in his dotage, who sometimes has been found to know many things that were not so. Still,

it may be true that such a tree, towering so high above the surrounding forest, may, on account of being such a conspicuous landmark, have been a place of Indian rendezvous."—Written about 1901 by Frank R. Grover.



SPRINGTIME AND HOARY OLD AGE



Gloede's Research in Horticulture



Gloede's Finest Selected Perennials

Every plant in this list is guaranteed to be absolutely true to name. All are the result of many years of research and critical selection. Every one is hardy, and with proper care will grow anywhere in the United States.



ACHI LLEA

Achillea (Milfoil; Yarrow)

Hardy herbaceous border and alpine plants of easy culture. Dwarf forms excellent for bedding, and taller ones for the wild garden.

PTARMICA FL. PL. "THE PEARL." Pure white flowers borne in the greatest profusion the entire summer on strong, erect stems, 2 feet high; as a summer cut flower it is of great value. Each 15c; doz. \$1.50.

Aquilegias, or Columbines

The Columbines are one of the most elegant and beautiful of hardy plants, producing their graceful spurred flowers on stems rising 2 feet or more above the beautifully divided foliage, and are highly prized for cutting.

They are not at all particular as to soil or location, although they prefer a sandy loam and a moist but well drained, sunny position, and usually make themselves at

home in any hardy border or rockery. Their period of flowering covers the late spring and early summer months. Taken as a whole, they are a most important part of the hardy garden, and should be grown in quantity by every lover of old-fashioned garden flowers. Each 15c; per doz. \$1.50.

ACONITUM AUTUMNALE (Monkshood). Deep blue. July to September. Flowers produced in large spikes. Sun or shade. Each 15c; per doz. \$1.50.

Artichoke

Produces large globular heads, thick, succulent scales, decorated with a beautiful blue flower. A very attractive perennial similar to a centurea, 3 to 4 feet, the bottom of which is the edible part. Boiled till tender makes a delicious dish. Pot grown, each 25c; per doz. \$2.50.



AQUILEGIA

Gloede's research assures that you obtain exactly that for which you pay



GIANT GREEN GLOBE ARTICHOKE

Bocconia Cordata

PLUME POPPY. A stately plant with fig-like foliage and white flowers; effective for lawn groups; June to August. 4 to 8 feet.
Each 15c; dozen \$1.50.

Boltonia Asteroides

FALSE CHAMOMILE. Pure white aster-like flowers; fine for clumps among shrubs; August to October; 5 to 6 feet.

LLATISQUAMA. Flowers pink, tinged with lavender; valuable for naturalizing and for clumps among shrubs; August to October. 3 to 4 feet.
Each 15c; doz. \$1.50; per 100 \$10.00.

Campanula

A most important class of hardy plants for the perennial border or garden. They are of very easy culture, growing either in sunny or shady positions; the taller forms for flower borders or shrubberies, and dwarf forms charming as edging or rock plants.

ALLIARIAEFOLIA. Nodding white flowers. 18 inches to 2 feet.

CARPATICA. (Carpathian Harebell.) Compact tufts, flowers porcelain blue, held erect on wiry stems. Unsurpassed as an edging for hardy garden or rockery. 9 inches. 6-8.

CARPATICA ALBA. Pure white-flowered form of above. 9 inches.

GLOMERATA. (Cluster Harebell.) Clusters of pure white bells; beautiful but rather rare plant. 1 foot to 2 feet.

GROSSEKI. Tall spikes of large blue flowers produced very freely. 2 feet. 5-10.

LATIFOLIA MACRANTHA. Very handsome, enormous drooping bells of a fine satiny lilac and deep purplish shades. 3 feet. 7.

MEDIA IMPERIALIS. A giant strain of Canterbury Bells in various colors. Price of strong plants, \$10.00 per 100.

MEDIUM. (Canterbury Bells.) Very handsome, large, numerous bells in panicles; single and double forms in white, rose and blue. Colors separate or mixed. 3 feet. 6-7.

CALYCANTHEMA. (Cup and Saucer Canterbury Bell.) Very beautiful, in white, rose and blue. 3 feet.

PERSICIFOLIA. (Peach Leaf Bellflower.) An abundance of large, deep blue, salver-shaped flowers. 2 feet.

PERSICIFOLIA ALBA. A pure white form of the above. 2 feet.
Each 15c; per doz. \$1.50; per 100 \$10.00.



CAMPANULA

Gloede's research assures that you obtain exactly that for which you pay



Gloede's Research in Horticulture



DIGITALIS

Digitalis

FOXGLOVE. The Foxgloves, old-fashioned, dignified and stately, are wholesome company in any garden. The strong flower-stalks—frequently 4 to 6 feet high—rising from rich and luxuriant masses of leaves, always give an appearance of strength to the hardy border, and during their period of flowering dominate the whole garden. Each 15c; doz. \$1.75.



COREOPSIS

Coreopsis

LANCEOLATA GRANDIFLORA. One of the most popular hardy plants. The flowers are a rich golden-yellow, of graceful form and invaluable for cutting; the main crop comes during the latter part of June, but it continues in bloom the entire summer and autumn. It succeeds everywhere. 15c each; \$1.50 per doz.; \$10.00 per 100.

Dielytra (Dicentra) Bleeding Heart;

BLEEDING HEART, OR SEAL FLOWER. An old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive; it is used largely for forcing, and is perfectly at home in any part of the hardy border, and especially valuable for planting in the shade. 25c each; \$2.50 per doz.

Chrysanthemums

P O M P O M CHRYSANTHEMUMS. These small flowered 'Mums are becoming very popular again, as they are not only highly ornamental in the field, but are so easily adaptable to pot culture that a few potted specimens in the house help out wonderfully in decorating. A very fine collection. 20c each; \$1.50 per doz.; \$10 per 100.



CHRYSANTHEMUM

Gloede's research assures that you obtain exactly that for which you pay



Leave the World More Beautiful than You Found It



Gloede's Grand New Hybrid Delphiniums

The improved Delphinium of today is a grand and stately plant. Its tall spires of bloom, rising to a height of 5 and 6 feet, supply our gardens with a wealth of blue that would be sadly lacking were it not for these magnificent plants.

No other flowers combine so many varied shades of this lovely color, the rarest in the garden. The soft azure of the forget-me-not, the rich blue of the gentian, and the deep sapphire and royal purple hues, are all represented, and form a brilliant setting to the small, white, golden or black central petals, while over all this is suffused a beautiful rose iridescence impossible to describe.

In whatever situation they are placed, whether at the rear of the border, among shrubbery, or in groups along walks and drives, they are equally effective, and always excite the utmost admiration.

About six years ago, realizing the great beauties produced in this great flower, I at once began hybridizing, and with the aid of nature I accomplished with great success most indescribable coloring in this beautiful flower. passable. We have selected twenty-five varieties that we are listing this season under number only.

No. 1—Excels all others for earliness and freedom of flowering, being the first to come into bloom and continuing to produce its large, rich violet-purple flowers with black, bee-like centers throughout the summer and fall months. The plant grows about 3 feet high, and is the most vigorous growing Delphinium known to us. 35c each; \$3.50 per doz.

No. 2—Semi-double flowers of a rich, rosy-mauve, flushed with sky-blue, conspicuous black eye. 35c each; \$3.50 per doz.

No. 3—Rich sky-blue, inner petals rosy-plum, white center, in large, loosely arranged, irregular spikes.

No. 4—Of the same fine habit of growth as Moerheimi, being of the same parentage, but with large flowers of a beautiful sky-blue. 50c each; \$5.00 per doz.

No. 5—Flowers double and of a most fascinating sky-blue; very desirable. Each 50c; doz. \$5.00.

No. 6—Bright velvety blue, inner petals rosy-lavender, two rows of petals. The eye is almost black, giving the flowers, which are large, a distinct appearance. Each 50c; doz. \$5.00.

No. 7—An entirely distinct, beautiful pale blue with very large, widely expanding flowers. 60c each; \$5.00 per doz.

No. 8—Gigantic flowers of a pretty corn-flower blue, beautifully veined with rose, large pure white eye.

No. 9—In color similar to Belladonna, a beautiful clear turquoise-blue, but larger; a comparatively dwarf grower; exceptionally free-flowering. 40c each; \$4.00 per doz.

No. 10—Bright gentian-blue, with very effective pure white eye. 35c each; \$3.50 per doz.

No. 11—One of the most distinct hybrids; the plant is of a remarkably strong growth, with flowers of gigantic size, semi-double and of a deep blue color, with large white eye. 50c each; \$5.00 per doz.

No. 12—Similar in habit of growth to Belladonna, but with rich gentian-blue flowers with white center; very distinct and handsome. 30c each; \$3.00 per doz.

No. 13—Splendid azure-blue flowers, 2 inches across, with bold yellowish eye arranged on massive stems. 35c each; \$3.50 per doz.

No. 14—A very distinct and handsome variety. Flowers rich gentian-blue with a white center. 50c each; \$5.00 per doz.

No. 15—Beautiful, tall, well-branched spikes with single flowers of enormous size and good substance; color pure sky-blue. One of the best. 50c each; \$5.00 per doz.



DELPHINIUM HYBRIDUM

No. 16—Deep Oxford-blue, center dark plum with brown eye; a rich dark sort.

No. 17—Perfectly round, semi-double flowers of a clear blue; lavender center; bold white eye evenly arranged in spikes, 5 to 6 feet high; a gem. 40c each; \$4.00 per doz.

No. 18—Very free-flowering sort, with clear deep blue flowers with white eye. 30c each; \$3.00 per doz.

No. 19—Very large flowers of a rich blue flushed with rose; dark eye.

No. 20—Sky-blue flowers with white eye. Very strong, erect, branching spikes. 35c each; \$3.50 per doz.

No. 21—One of the finest of the newer hybrids; immense flowers of a soft lavender-blue, flushed rose, with a very conspicuous white eye. 40c each; \$4.00 per doz.

No. 22—One of the finest yet introduced; plant very strong, growing 6 feet high, immense very double flowers of a deep purple-blue with clear white center. \$1.25 each.

No. 23—An attractive and entirely distinct species, forming pyramidal bushes about 4 feet high of stiff, wiry stems, covered during June and July with pure sulphur-yellow flowers. 25c each; \$2.50 per doz.

No. 24—Elegant, loosely arranged spikes of large cornflower-blue flowers. 30c each; \$3.00 per doz.

No. 25—A strong grower with double dark blue flowers, which expand very full. 35c each; \$3.50 per doz.

Standard Varieties

BELLADONNA HYBRIDS. Contains all shades from the palest to the darkest blue, and the various intervening shades of sapphire, turquoise, indigo, etc., are rich and beautiful beyond description.

MOERHEIMI. This is the first really white hybrid Delphinium introduced, and is a decided acquisition. The plant is of strong, vigorous growth, 5 feet high, the lateral or side shoots 2½ feet high. The flowers are of purest white, without the slightest shading; a free and continuous bloomer from June till frost. 40c each; \$4.00 per doz.

CHINENSE. A very pretty dwarf variety, with fine feathery foliage and intense gentian-blue flowers in open panicles. 15c each; \$1.50 per doz.; \$10.00 per 100.

ALBUM. A pure white form of the above. 15c each; \$1.50 per doz.; \$10.00 per 100.

FORMOSUM. The old favorite, dark blue with white center; 3 to 4 feet high. Very vigorous, free-flowering, and one of the best. 15c each; \$1.50 per doz.; \$10.00 per 100.

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Gloede's Research in Horticulture



EREMURUS

Eremurus

ROBUSTUS. A very fine, strong-growing variety, with rosy pink flowers; 6 to 10 feet. June, July. Strong plants, \$1 each; per doz. \$10.00.

Echinops Ritro

GLOBE THISTLE. H. P. Flowers formed in heads in globe form of steel blue color. Foliage deeply cut and of silvery-white color. Particularly attractive heads, which can be dried and put amongst grasses for a long time.

SPHAEROCEPHALUS. July-August. Pale blue. 5 feet. Each 25c; doz. \$2.75.

Eryngium (Sea Holly)

Handsome ornamental plants, growing from 2 to 3 feet high. Effective in flower and shrubbery border, woodlands, wild gardens, etc. The flower heads, which are produced from July to September, are useful to cut for vases or to dry for winter bouquets.

AMETHYSTINUM. The finely-cut, spiny foliage and the beautiful thistle-like heads are of glistening amethystine-blue. A most ornamental plant. Sec cut.

MARITIMUM. Deeply cut pale blue foliage and flowers. 25c each; \$2.50 per doz.

Gaillardia Grandiflora (Blanket Flower)

Makes one of the most gorgeous and prodigal displays of all perennials. Flowers often measure 3 inches in diameter, on clean 2 feet stems. A hard center of deep maroon is thickly bordered by petals of orange and yellow, strikingly ringed by circles of crimson, red and maroon. Poor soil will do, and a constant show is assured from June till frost.

GAILLARDIA FRIENDSHIP. Flowers large, yellow, with a narrow crimson zone. Each 25c; doz. \$2.50.

GAILLARDIA LADY ROLLESTON. Flowers very large, 3 to 4 inches across, of a clear yellow; stems long and strong. A most desirable cut flower. Each 25c; doz. \$2.50.

GAILLARDIA MASTERPIECE. Flowers brilliant crimson, with a very small golden yellow margin; an exceedingly fine variety. Each 25c; doz. \$2.50.

GAILLARDIA KELWAY'S. The flowers are of enormous size and the colors the most varied we have ever seen. Each 35c; doz. \$4.00.

GAILLARDIA GRANDIFLORA Maxima Kermensina Splendens. Each 15c; doz. \$1.50.

GAILLARDIA SULPHUREA OCULATA (Sulphur Queen). Each 25c; doz. \$2.75.

GAILLARDIA. Coppery red. Each 15c; doz. \$1.50.

GAILLARDIA GRANDIFLORA. Mixed. Each 15c; doz. \$1.50.

GAILLARDIA GRANDIFLORA COMPACTA. Mixed. Each 15c; doz. \$1.50.



GAILLARDIA GRANDIFLORA

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Leave the World More Beautiful than You Found It



Hardy Ornamental Grasses

The ornamental grasses, exclusive of the Bamboos, can be used with telling effect in borders, large beds, or by the margin of ponds and lakes. They are often used with small shrubs and medium-sized trees in wide borders. The Eulalias, planted singly on lawns where the soil is deep and rich, take care of themselves, and grow rapidly into large specimens. In large, round beds, with ornamental grasses as the principal feature, the effect is heightened by the addition of such plants as Cannas or dwarf flowering plants near the margin. The tallest of the Grasses is the Giant Reed (*Arundo Donax*). A small plant will soon establish itself and grow from 12 to 20 feet in height. In large, round beds this is the best of all the species for the central position. A less hardy form has variegated leaves growing 8 to 10 feet in height. It keeps its color well throughout the summer months. The Hardy Pampas (*Erianthus Ravennae*) comes next in height to the green-leaved *Arundo*. It is not far behind the gorgeous Pampas (*Gynerium*) when in bloom. It attains a height of 10 to 12 feet under ordinary conditions. All of the Grasses, but especially the *Arundo* and *Erianthus*, do best when given a heavy soil, enriched with manure and an abundant supply of water. *Eulalia Japonica Variegata* and *Zebrina* are probably the handsomest of the variegated Grasses, growing 6 feet high, and as much in diameter; the variety *E. Gracillima Univittata* is a narrow-leaved species, with light band down the center of each leaf. Among the small-growing kinds, for a dwarf tufted border, *Festuca Glauca* has no equal.



"OUR FOREMAN"

ARRHENATHERUM BULBOSUM FOLIA VARIEGATA. A pretty dwarf tufted Grass; leaves green and white; 6 to 8 inches. 25c each; \$2.50 per doz.

ARUNDO DONAX (Great Reed) A magnificent variety, growing to a height of 20 feet. 25c each; \$2.50 per doz.

ARUNDO DONAX VARIEGATA. A beautiful variegated form. Foliage white and green; 8 to 10 feet. 25c each; \$2.50 per doz.

ELYMUS GLAUCUS (Blue Lyme Grass). A handsome Grass, with narrow glaucous silvery foliage; well adapted for the border or the edge of beds containing taller sorts; 3 feet. 25c each; \$2.50 per doz.

EULALIA JAPONICA VARIEGATA. A very ornamental variety; long, narrow leaves, striped green, white and often pink or yellow. Flower stalks from 4 to 6 feet. 25c each; \$2.50 per doz.; clumps, 50c each.

FESTUCA GLAUCA (Blue Fescue). A pretty dwarf tufted Grass, with glaucous foliage. 25c each; \$2.50 per doz.; \$15.00 per 100.

PHALARIS ARUNDINACEA VARIEGATA (Variegated Ribbon Grass, or Gardener's Garters). Large variegated foliage; an excellent Grass for bordering large beds. 15c each; \$1.50 per doz.; \$10.00 per 100.

PENNISSETUM JAPONICUM (Hardy Fountain Grass). This new variety grows about 4 feet high; foliage narrow, of a bright green, while the cylindrical flower heads, carried well above the foliage, are tinged with bronzy-purple, the whole plant having a light, airy appearance, and should prove one of the most valuable hardy grasses either for use in beds, mixed borders or as specimens. 15c each; \$1.50 per doz.; \$10.00 per 100.

Funkia (Plantain Lily; Day Lily)

ALBO MARGINATA. Flowers white with a lavender tinge and quite large; leaves large and lined with white along the edges. 1 to 2 feet. 8.

AUREA VARIEGATA. Flowers purplish-lilac; leaves beautifully variegated green and gold. 2 feet.

SUBCORDATA GRANDIFLORA. (Corfu Lily; White Day Lily). Handsome spikes of large, waxy-white blossoms, with an odor like that of orange blossoms; and large, broad, glossy, light green foliage. 1 foot to 18 inches. Price, strong plants, 15c each; \$1.50 per dozen; \$10.00 per 100.

HEMEROCALLIS FLAVA. (Lemon Lily.) Beautiful lemon colored flowers 3 to 4 inches in diameter, and delightfully fragrant. 3 feet. Each 35c; doz. \$4.00.

AURANTIACA MAJOR. One of the finest flowers; color throughout a rich Indian yellow; 2 feet; June and July; requires protection in winter. 25c each; \$2.50 per doz.

QUEEN OF MAY. A splendid new hybrid variety, producing flower stems from 3 to 5 feet high, which are terminated with from 12 to 18 flowers of largest size, of a rich Indian-yellow color. The flowers begin to develop in May, and continue for nearly two months; perfectly hardy. 35c each; \$3.50 per doz.

THUNBERGII. The latest to flower; rich buttercup yellow, funnel-shaped flowers throughout July; 4 feet. Each 25c; \$2.50 per doz.

Helianthus (Hardy Sunflowers)

The perennial Sunflowers are among the most effective hardy plants for large borders for planting among shrubbery, or as clumps on the lawn. They are remarkably free-flowering, will succeed in any soil, and are invaluable for decorative purposes, or as cut flowers during the summer and autumn.

MAXIMILIANA. The latest of all, perfecting its fine golden yellow flowers in long, graceful sprays during October, when all others have finished flowering; invaluable for cutting; 5 to 7 feet.

MULTIFLORUS Fl. Pl. (Double Hardy Sunflower). Large, double Dahlia-like golden-yellow flowers in great profusion during July and August; 4 feet. (See cut.) Each 15c; doz. \$1.50.

Gloede's research assures that you obtain exactly that for which you pay



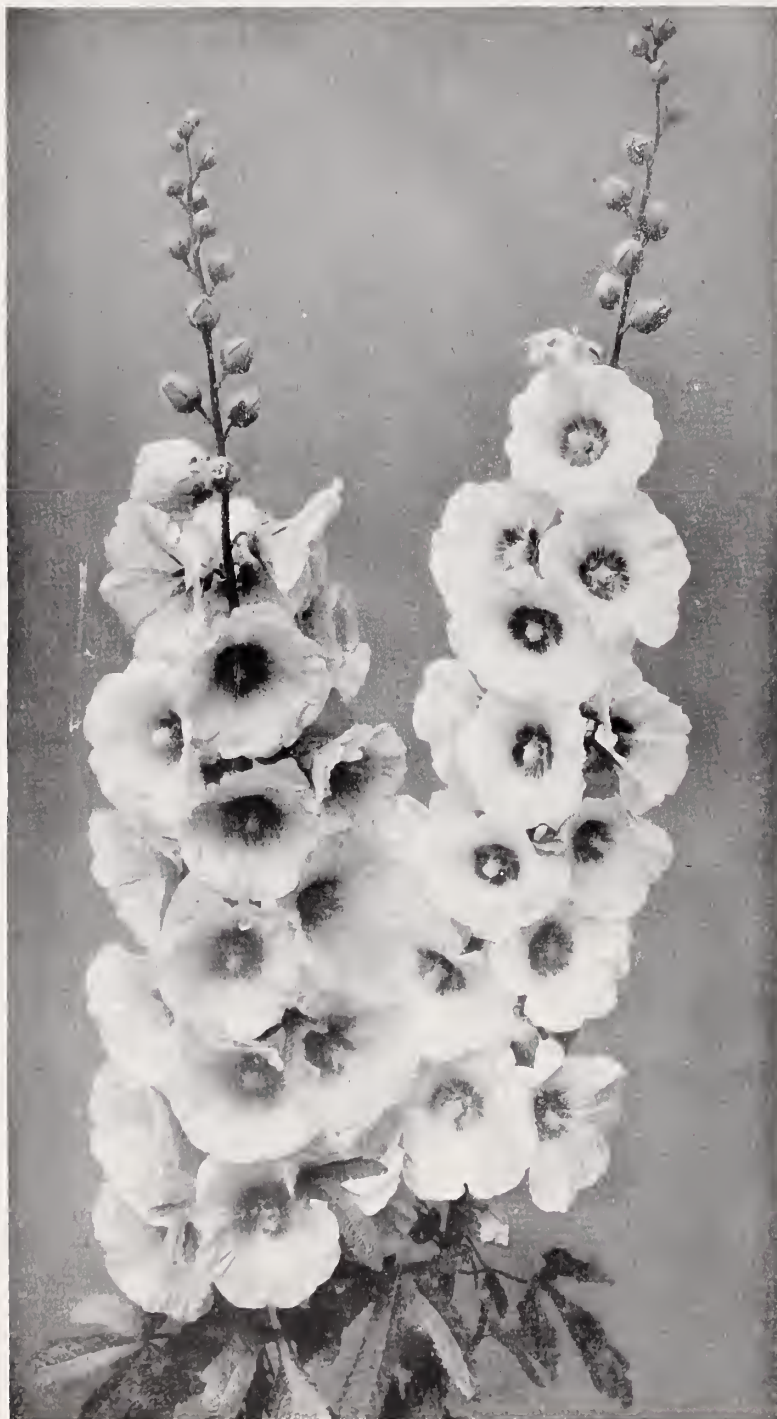
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Gloede's Grand Hollyhocks

The Hollyhock is an old garden favorite, full of sentiment and association with a distant past. It is a plant of strong, vigorous growth and noble aspect, with elegant camellia-like flowers that form perfect rosettes of the most lovely shades of color. They require a deep, rich soil and a sunny corner, but will repay by their gorgeous and lavish bloom all the attention bestowed upon them.

The following list contains a gorgeous variety. Being a great lover of these stately flowers I have taken great pains, in gathering this beautiful collection—a collection, that cannot be surpassed.



HOLLYHOCK

- No. 1. Killarney rose pink, semi-double fringed.
 - No. 2. Rose pink, semi-double fringed.
 - No. 3. Soft rose pink, semi-double fringed.
 - No. 4. Deep rose pink, double.
 - No. 5. Deep maroon, double.
 - No. 6. Soft lavender pink, semi-double.
 - No. 7. Beautiful light pink, double.
 - No. 8. Beautiful light pink, single.
 - No. 9. Beautiful soft pink, single.
 - No. 10. Deep pink center shaded blood red, single.
 - No. 11. Shirley poppy white overlaid with soft pink, semi-double.
 - No. 12. Rose pink center outer petals shaded delicate pink, single.
 - No. 13. Single snow white with large red eye, single.
 - No. 14. Old fashioned peony pink.
 - No. 15. Double maroon black.
 - No. 16. Large maroon black, double.
 - No. 17. Salmon pink, very fine, single.
 - No. 18. Salmon pink, a little darker, single.
 - No. 19. Large violet, single.
 - No. 20. Very darkest maroon, single.
 - No. 21. Large white with cream eye, single.
 - No. 22. Large white with bluish dark eye, single.
 - No. 23. Large white bluish tinted, single.
 - No. 24. Bright red, semi-double.
 - No. 25. Dark red, single.
 - No. 26. Large beautiful dark red, semi-double.
 - No. 27. Large beautiful dark red, double.
 - No. 28. Large pure white, double.
 - No. 29. Large beautiful violet, double.
- 2-year-old plants, each 20c; doz. \$2.00
1-year-old plants, each 10c; doz. 75c.

Helichrysum (Straw Flower)

MONSTROSUM FL. PL. One of the best of "Everlasting" flowers. Exceedingly effective double flowers, making a fine display in beds or borders; they succeed in any rich garden soil; give them plenty of room to develop, planting not closer than 12 inches apart; hardy annuals; 2½ feet. Mixed, imported collection, each 15c; \$1.50 doz.

Helenium

All of these are desirable border plants, succeeding in any soil in a sunny location, with broad-spreading heads of flowers, useful for cutting, each species covering a long blooming season.

AUTUMNALE SUPERBUM. Golden-yellow flowers during the late summer and fall months; 5 to 6 feet, each 25c; \$2.50 per dozen.

RIVERTON BEAUTY. Rich lemon-yellow, with large purplish-black cone. Each 25c.

RIVERTON GEM. Each 25c; \$2.50 per dozen.



Leave the World More Beautiful than You Found It



JAPANESE IRIS

Japanese Iris

JAPANESE IRIS. (Iris Kaempferi.) The Japanese Iris is the most showy and strikingly beautiful of all the large family of Iris; and very few flowers, the orchid not being excepted, surpass this unique flower in size and gorgeousness and variety of color, which ranges from snow-white to the deepest purple, striped, variegated and multicolored in the greatest profusion of coloring. The collections which I offer are American grown, thoroughly acclimated, hardy and true to name and description. I supply these in strong, liberal divisions of a most satisfactory planting size.

Six-Petaled Japanese Iris

- No. Order by Name or Number.
4. YOMO-NO-UMI. A fine free-flowering early double white.
 5. KOKI-NO-IRO. Rich royal purple with white veinings.
 9. ONIGA-SHIMA. Rich purple with many white veins.
 10. SHIGA-NO-URA-NAMI. Violet - purple, veined with white.
 22. SANO-WATASHI. White, with canary-yellow center.
 24. GOSETSU-MAI. White veined and traced throughout with aniline-blue.

25. SENJO-NO-HORA. Beautifully mottled deep purple and white.
26. UCHIU. Bright purple with crimson sheen.
28. TSURUGI-NO-MAI. Rich, deep purple.
29. RISH-NO-TOMA. Silvery white, densely veined and minutely dotted with violet blue.
44. YOSHIMO. Creamy-white, delicately veined with purple.
47. RENJO-NO-TOMA. Petals peculiarly fluted, light violet, with white halo and light veinings.
53. SAMIDARE. Silvery white, suffused throughout with rich ultramarine blue.
60. KAGARIBI. Ground color white, beautifully traced and marbled with ultramarine blue.
69. WAKU-HOTEL. Pure white veined with purple.
74. RENKAKU. White, densely marbled and spotted with bright violet-purple.
94. KOMOCHI-GUMA. Rich, velvety pansy-violet.
107. TOKYO. The finest pure double white.
108. SHIMOSA. White ground, minutely and densely spotted throughout with bright violet-purple.
109. HOSOKAWA. Royal purple, with white veinings.

Three-Petaled Japanese Iris

- No. Order by Name or Number.
11. HANO-NO-NISHIKI. Bright violet-purple, veined with white.
 12. SHIPPO. Light lilac, densely veined with purple.
 14. SHISHI-IKARI. Light ground color, veined and mottled with dark violet-purple.
 18. MEIRAN. White, densely marbled and veined with light violet.
 23. YEDO-KAGAMI. Magenta - lilac, veined with white.
 33. KAKUJAKURO. White ground, marked with violet-blue in such a manner that makes it appear as though the color was dusted on.
 43. SHI-UN-RYO. Grayish-white, deeply and densely veined and suffused with violet.
 55. SCHUCHIUKWA. A showy variety, crimson-purple with white veins and white halo.
 62. MISUTMOSHITO. Violet-purple, marbled with purple.
 67. KIGAN-NO-MISAO. A late flowering pure white.
 73. SHIRATAKI. Silvery-white, border of petals suffused with light Parma-violet.
 77. YAYAURA. White, occasionally marbled with light violet.
 82. ARI-AKE. Violet-purple, marbled with white.
 85. OJOCHIN. Light violet-purple, the larger veins white.
 86. SEI-O-BO. Large pure white, with faint violet-purple markings.
 96. TEBOTAN. White ground, with prominent violet-blue veining.
 97. SHIRO-FUNGEN. Light ground, suffused throughout with bluish-violet.
 100. YOMO-ZAKURU. Light ground color, densely veined and suffused reddish-purple.
 102. SHI-NO-MAKI. Rich royal purple.
 106. SAKATA. Light violet or lavender blue.
- Each 25c; dozen \$2.75; 100 \$20.00.

German Iris

IRIS GERMANICA. My collection of German Iris is very choice, the varieties offered being the best in their respective colors. New importation; fine, healthy roots. 15c each; \$1.50 per doz.; \$10.00 per 100.

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Lobelias

Handsome border plants, thriving in any ordinary garden soil, but preferring a moist, deep loam, where they will not suffer from drought. Few plants are more effective at their season of bloom, which extends from early in August till late in September.

CARDINALS. (Cardinal Flower.) Rich, fiery cardinal flowers; strong plants, often producing 10 to 18 spikes, 12 to 24 inches long. Each 15c; \$1.50 per doz.; \$10.00 per 100.

Lathyrus (Everlasting or Perennial Sweet Pea)

The perennial pea is one of the hardiest and most easily cultivated species, thriving almost anywhere, even among flags and boulders. A rampant grower, it is a good trellis plant, and is adapted as a cover to wild, rough places, where it scrambles over bushes and stones. It succeeds in shade and grows rapidly. The flowers are clustered and sweet smelling, and borne in great profusion.

PINK BEAUTY. Clusters of large, beautiful shell-pink flowers like Blanche Ferry Sweet Peas.

WHITE PEARL. Most beautiful of all everlasting peas, with pure white flowers, which are about double the size of the ordinary *Lathyrus Latifolius albus*; true, no seedlings; excellent for cutting. Price, strong plants, 20c each; \$2.00 dozen.

Liatris (Blazing Star, or Gay Feather)

Showy and attractive native plants, succeeding anywhere, producing large spikes of flowers from July to September.

PYCNOSTACHYA. Spikes of light, rosy-purple flowers; 5 feet. Each 15c; dozen \$1.50.

Lily of the Valley

A well-known and universally admired spring flowering plant; flowers bell-shaped, freely produced and fragrant. To grow in open ground, select a partly shaded rather moist situation. A few clumps will start a bed that with little care affords an abundance of flowers and pleasure. Clumps, extra strong. Each 25c; dozen \$2.50.



MONARDA DIDYMA

Cambridge Scarlet

Myosotis (Forget-Me-Not)

PALUSTRIS SEMPERFLORENS. A variety that is hardly ever out of flower; useful in a shady spot in the border and for forcing for cut flowers in the winter.

ALPESTRIS ROBUSTA GRANDIFLORA. The large spring-flowering Forget-Me-Not, with intense sky-blue flowers, bright and attractive. Each 15c; per dozen \$1.50.

Monarda (Horse Mint; Bergamot; Oswego Tea)

This genus includes some very striking border plants with handsome flowers and aromatic foliage. Do well in any situation, but prefer moist places, and are seen to best advantage massed.

DIDYMA ROSEA. (Oswego Tea.) Flowers of a rose color, and sweetly fragrant foliage. 18 inches. Each, 15c; dozen, \$1.50.

CAMBRIDGE SCARLET. Flowers of a much more vivid shade of crimson than the older form. 3 feet. Each, 15c; dozen, \$1.50.



LATHYRUS—PERENNIAL SWEET PEA, WHITE PEARL

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Leave the World More Beautiful than You Found It



PEONY

Peonies (Paeonia)

I have always paid great attention to the cultivation of the Peony, considering it, naturally, one of the finest plants in the garden. Between the "piney" of the gardens of long ago and the magnificent royal flower of today, there is a vast difference. The following are a few of the best:

PEONIES. Plant in deep, rich, well-prepared soil, covering the buds but an inch or two. Do not expect too much of them the first year; they are a little slow in establishing themselves.

FESTIVA MAXIMA. (Mieliez, 1851.) Enormous, very full shell-formed bloom, often 7 inches to 8 inches in diameter, on strong $3\frac{1}{2}$ foot stems; color snow white, shading to a delicate creamy white at base of petals, with an occasional clear purple spot on edges of center petals; very fragrant. Undoubtedly the finest early white in existence. Early. Each 50c; doz. \$5.00.

MME. DE VERNEVILLE. (Crousse, 1885.) Compact, full imbricated blooms; very broad guards sulphur white, center delicate rosy white with an accidental touch of carmine. Each 50c; doz. \$5.00.

LA TULIPE. (Calot, 1872.) Very large, full shell-formed bloom on erect 3-foot stems; delicate rose, fading to creamy white; center petals tipped with carmine; outside of guard petals striped with carmine. Late. Each, 50c; dozen, \$5.00.

GIGANTEA. (Syn. for Lamartine. Calot, 1860.) Large, early bloom on long stems; moderate grower; free bloomer; color the most exquisite shade of delicate rose-pink; tipped with silvery white and reflected with a silver sheen; the most exquisite fragrance of any Peony. Each, 75c; dozen, \$7.50.

MONS. JULES ELIE. (Crousse, 1888.) Immense globular, very full, imbricated flower on very strong long stems; petalage broad and overlapping, forming the most perfect Peony in existence; color the finest glossy flesh pink, shading to deeper rose at the base, the entire bloom covered with a silvery reflex. Midseason. Each 75c; dozen, \$7.50.

MARIE LEMOINE. (Calot, 1869.) Enormous sulphur white bloom, shaded with pink and chamois; strong stems of medium height. Magnificent variety. Very late bloomer. Each, 75c; dozen, \$7.50.

RUBRA SUPERBA. Brilliant deep crimson; the latest of all Peonies to bloom; very fragrant. Each, 50c; dozen, \$5.00.

Gloede's Selected Pyrethrum (Persian Daisy)

Whoever has once seen the beautifully colored and beautifully formed flowers of the Persian Daisy will easily understand why they are considered so highly and made so much of, among hardy garden plants. Their pretty fern-like foliage in spring, followed by the profusion of handsome double or graceful, brilliant single blooms in summer, which are unequalled as cut flowers and for house decoration, deservedly make them vast favorites. Of very simple culture, and most hardy under any conditions. Each, 15c; dozen, \$1.50.



PYRETHRUM

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Gloede's Research in Horticulture



ORIENTAL POPPY

Oriental Poppies

I remember very well the first time I saw an Oriental Poppy. I was a boy then, and it excited me wonderfully, and I thought it the most remarkable flower in the world; and now, after twenty-five years have gone by and I have seen almost all the known flowers of the world, I am still of the opinion that it is mighty fine, striking and effective, and I have taken the trouble to gather and have grown a collection of several varieties. The foliage of Oriental Poppies dies away in the summer, and many think they are dead, but they will start into growth again in the fall.

BRIGHTNESS. Rich, glowing salmon, with dark blotches at the base of the petals, and conspicuous leafy bracts; a very free and continuous bloomer; distinct downy foliage of a light sage-green color; height, 3½ feet.

GOLIATH. One of the most effective, enormous rich soldier scarlet flowers in great abundance. Without question the largest Oriental Poppy.

MAHONY. Flowers deep maroon, very distinct and handsome.

PRINCESS VICTORIA LOUISE. Beautiful new variety with pure rose flowers in wonderful profusion; the best of the rose-colored varieties.

PROSERPINE. Long tapering flowers, dark lilac, shading to carmine-pink.

REMBRANDT. Dark crimson flowers.

ROYAL SCARLET. Flowers 6 inches across, of a rich glowing scarlet.

SALMON QUEEN. Large flowers of lovely salmon scarlet.

TRILBY. A beautiful cerise-scarlet.

MARY STUDHOLME. A lovely new variety. Pure salmon, with a silvery shade and a touch of carmine at the base. One of the best varieties raised.

MASTERPIECE. Enormous flowers; silvery blush-pink; suffused mauve, glossy black blotches; stiff erect habit.

JENNIE MAWSON. New. Large, handsome salmon-pink flowers.

Prices of the before-named varieties: Strong plants from pots (in spring), in growing condition, each 25c.

New Hybrid Iceland Poppy

This beautiful strain of these charming hardy Poppies is being improved every year, and the stock which we offer this season will be found much finer than heretofore, containing a great number of lovely new shades of color. Each 15c; dozen \$1.50, out of pots.

Pentstemon (Beard Tongue)

Most useful showy perennials, either for the border or rockery. With the exception of Sensation, they are perfectly hardy.

DIGITALIS. Large spike of long, purple-white flowers, with purple throats, during June and July; 2 to 3 feet.

GENTIAN GRANDIFLORA. Mixed.
Each 15c; dozen \$1.50.

Gloede's Hardy Garden Pinks

HARDY GARDEN PINKS. Without the spicy fragrance of the hardy Pinks a garden is incomplete; and their perfect form and rich coloring make them great favorites for summer bouquets. 25c each; \$2.75 per dozen.



PINK

Gloede's research assures that you obtain exactly that for which you pay



Leave the World More Beautiful than You Found It



ONE PLANT OF THE NEW PHLOX—
MRS. I. W. GLOEDE

Hardy Phlox

No class of herbaceous perennials has met with greater favor than the different varieties of Hardy Phlox, and the better known they become the more they are planted. The new and improved varieties I have are wonderful in their range of color, with immense panicles of flowers, blooming from June until frost. They require no protection in winter.

MRS. IDA W. GLOEDE, a beautiful rose pink with scarlet eye, the entire stems being covered with enormous trusses, a dwarf grower, entirely distinct from all other Phloxes. 50c each; dozen \$5.00.

ATHIS (Beautiful Salmon Pink.)

ASIA. One of the prettiest in the collection. A delicate shade of mauve, with a crimson-carmine eye.

CHAMPS ELYSEE. A bright rosy-magenta; very effective.

COQUELICOT. A fine pure scarlet, with crimson eye.

EUROPA. A white variety, with a decided crimson-carmine eye. The individual flowers and trusses are very large; entirely distinct; of remarkable sturdy, erect habit. Each 25c; dozen \$2.75.

ELIZABETH CAMPBELL. Very bright salmon-pink, with lighter shadings and dark red eye; attracts more attention in our fields than any other variety; one of the handsomest. Each 35c; dozen \$4.00.

FRAU ANTON BUCHNER. The finest white yet introduced, having the largest truss and individual flower; dwarf habit.

FLORA HORNUNG. White, with large bright carmine eye. Dwarf.

GEN. VAN HEUTZ. Intensely brilliant salmon-red, with a white eye.

GEO. A. STROHLEIN. Bright scarlet, with crimson-red eye. A large flower; color does not bleach in the sun.

JEANNE d'ARC. Good, late-flowering, pure white with enormous truss; very free bloomer.

HANNY PFEIDERER. Cream-colored, changing to salmon in the center, with carmine-red eye.

LOTHAIR. Salmon-red, with dark carmine eye; tall, strong grower.

MISS LINGARD. A grand white variety; lilac eye; large individual florets.

MME. PAUL DUTRIE. Delicate lilac-rose, in shade like a soft pink Orchid; flowers very large, borne in immense panicles.

MOZART. Rosy salmon, passing to white at the edges, large blood-red center; fine truss; very effective.

PANTHEON. Uniform bright carmine-rose throughout; very effective.

R. P. STRUTHERS. Bright rosy-carmine, with claret-red eye. 25c each; \$2.75 dozen.

RYNSTROM. A splendid improvement in Pantheon; color not unlike that of Paul Neyron Rose, fine for massing. Each 25c; dozen \$2.75.

SELMA. A new variety. It has a strong habit and produces large trusses of flowers of perfect form, tender, soft pink, with large crimson center; one of the best and most distinct. 3 feet. Each, 25c; dozen, \$2.75.

WM. ROBINSON. One of the finest Phlox grown. Pale rosy salmon, with purple eye; very large trusses and flowers.

WIDAR. Light, reddish violet, with a very large white center, which intensifies and illuminates the color.

Prices of the before-named varieties, except where noted: Each 15c; dozen \$1.75.

Phlox Subulata (Dwarf Moss or Ground Pinks)

A much prized old garden plant, useful for colonizing where it is desired to cover the earth with a tufted, dense, evergreen mat. It is much used in cemeteries. It blooms profusely in the spring, and is very sweetly scented.

BRIDESMAID. Flowers white with crimson eye.

LILACIANA. Flowers clear lilac.

NELSONI. White flowers; compact habit. 6 inches.

ROSEA. Flowers bright rose.

Price, strong plants of above sorts, 10c each; 75c per dozen; \$5.50 per 100.

Gloede's Polyanthus (Superb, Mixed)

A magnificent strain of Bunch Primroses or Polyanthus which has been brought to a high state of perfection. Although the flowers are of the largest size, they are free from any suggestion of coarseness, and show wonderful shades of yellow, ranging from the palest silver to rich orange-bronze, as well as pure white flowers eyed with pale primrose and bright lemon, or with more striking orange centers. Also beautiful scarlets, pinks and lavenders with various colored eyes. Each 15c; dozen \$1.75.



POLYANTHUS



Gloede's Research in Horticulture



SHASTA DAISY ALASKA

Daisy (Shasta)

ALASKA. One of the most desirable plants for the hardy garden. The pure white flowers are three to four inches in diameter. Some have long, narrow and twisted petals, while others are broad and flat. They bloom the entire season. Hardy perennial; two to three feet. 25c each; \$2.75 per dozen.

Scabiosa

Handsome border plants, succeeding in any ordinary soil in a sunny location, and should be grown in every garden where cut flowers are wanted; they last a long time when picked and placed in water. No garden is complete without Scabiosa, especially Gloede's.

CAUCASICA. (Blue Bonnet.) A soft and charming shade of lavender, and commences to bloom in June, throwing stems 15 to 18 inches high until September.

CAUCASICA ALBA. A pure white variety.

JAPONICA. Lavender-blue flowers, in bloom from July to September; 2 feet.

25c each; \$2.50 per dozen; \$15.00 per 100.

Physalis (Chinese Lantern Plant)

FRANCHETI. Enormous orange-colored fruits; useful for winter decorating. 2 ft. April, May. 15c each; \$1.50 dozen.

DIVARICATA CANADENSIS. Soft lavender-blue flowers; native species of beautiful habit. 1 foot. Each 15c; dozen \$1.50.

Platycodon (Japanese Bellflower; Balloon Flower)

Very handsome hardy perennials with beautiful large bell-shaped flowers somewhat like the Campanulas. When in the bud state, they are inflated like balloons. Very effective for borders or the rock garden.

GRANDIFLORUM. Very large, deep blue cupped, star-shaped flowers. 3 feet. White.

GRANDIFLORUM ALBUM. Having spikes of beautiful large pearly-white flowers. 18 inches. White.

GRANDIFLORUM MARIESI MACRANTHUM. Handsome, large-flowered variety with deep violet colored flowers. 9 inches.

Each 15c; dozen \$1.50.

PHYSOSTEGIA VIRGINICA. (False Dragon Head.) Elegant spikes of light rosy-lilac flowers; very beautiful and good for cutting; July and August. 4 feet.

PHYSOSTEGIA VIRGINICA GRANDIFLORA ALBA. Purest white; lovely flower. Each 15c; dozen \$1.50.

Stenanthium Robustum (Mountain Feather Fleece)

This remarkable hardy perennial is without doubt one of our best new introductions, and may be classed with the showiest of all herbaceous plants. As the buds begin to unfold, they are quite upright, and of a light green tinge, gradually becoming whiter until at last they burst forth into a veritable snowbank of drooping, fleecy bloom of the purest white, the panicles often 2 to 3 feet long. After several weeks, the flowers, as they ripen, turn to shades of pink and purple. It is a vigorous perennial, attaining a height of from 5 to 8 feet, and is absolutely hardy throughout the United States and Canada. Each 50c; dozen \$5.00.



STENANTHIUM ROBUSTUM

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Leave the World More Beautiful than You Found It



Stokesia (Stokes' Aster)

Stokes' Aster is one of the rarest, choicest and most distinct of American hardy perennial herbs. It is a blue flowered plant, resembling a China Aster, perfectly hardy, and excellent for cutting purposes.

CYANEA. Flowers blue-lavender, 4 to 5 inches across in great profusion. 1 foot to 18 inches.

CYANEA ALBA. White flowered form of above. 1 foot to 18 inches.

Each 15c; dozen \$1.50.

Sweet William (Dianthus Barbatus)

The varieties offered are an improvement on the old-fashioned kinds, inasmuch as the colors and size of flower are far superior, being grown from select seed. Sweet William looks fine in solid beds or masses and requires a good, rich, well manured soil to grow them to perfection.

CARMINE BEAUTY.

DIADEMATIS.

JOHNSON'S GIANTS. Large flowers.

NIGRESCENS.

ROSEUS.

ROSEUS FLORA PLENA.

SUTTON'S SCARLET.

SINGLE RED, SALMON OR WHITE.

SINGLE AND DOUBLE. Each 15c; dozen \$1.50.

Tritoma

TRITOMA. (Red-hot Poker, Flame Flower, or Torch Lily.) The early, free and continuous blooming qualities of the newer varieties have made Tritomas one of the great bedding plants, and when we consider that there are few flowering plants which are suitable for massing under our severe climatic conditions, it is little wonder that such elegant subjects should become so popular. 25c each; \$2.75 per dozen.

Sedum (Stonecrop)

SPECTABILE ATROPURPUREUM. A deep rosy crimson variety, producing its flowers in fall. 1½ feet. August and September. 15c each; \$1.50 dozen.



TRITOMA



SKOKESIA

Thalictrum (Meadow Rue)

Very graceful, pretty-flowered plants, with finely-cut foliage; great favorites for planting in the hardy border; the dwarfier varieties also being effective and useful in the rockery. (See cut.)

ADIANTIFOLIUM. A beautiful variety; with foliage like the Maidenhair Fern and miniature white flowers in June and July.

AQUILEGIFOLIUM ATROPURPUREUM. Elegant, graceful foliage and masses of rosy-purple flowers; 3 feet.

AQUILEGIFOLIUM ALBUM. Pure white flowers.

GLAUCUM. Fine-cut foliage; bronzy-yellow flowers in June; 2 feet.

25c each; \$2.50 per dozen; \$15.00 per 100.

Viola (Violet; Pansy; Heartsease)

VIOLETS. Hardy varieties. These are perfectly hardy outdoor varieties, that are covered with a wealth of bloom in the spring, that makes them a joy in the flower border. 6 to 9 inches. Each 15c; dozen \$1.50.

Yucca (Adam's Needle)

FILAMENTOSA. Among hardy ornamental foliage and flowering plants this can be classed at the head of the list. Its broad, sword-like foliage and tall, branched spikes of large, fragrant, drooping, creamy-white flowers during June and July make it an effective plant for all positions. Strong plants only. Each 50c; dozen \$5.00.

Gloede's research assures that you obtain exactly that for which you pay



Landscape Department



A GROUP OF MY TRAINED LANDSCAPE GARDENERS
IN BROWN

Landscape gardening is an art, and requires years of training not only in the varieties of plants, their habits, and different uses, but also in the kindred sciences such as civil engineering, architecture, painting, and soil physics.

The majority of American suburban grounds are laid out and planted without the aid of professional advice. The result is almost always unsatisfactory, although often the expenditure would have secured most beautiful results if directed by skilled advice. I do landscape gardening—do it for people of exacting taste, to whom I refer. I make the plans, with estimates, furnish the stock necessary and superintend the work. I do any one or all these things, satisfactorily as to results, moderately as to cost. For small grounds I can make satisfactory plans if furnished with a plat drawn to scale. For large grounds, and where extensive improvements are desired, a personal visit would be necessary and can be arranged for on reasonable terms.

I can make no plans during the month of April.

RICHARD F. GLOEDE.

DECIDUOUS ORNAMENTAL TREES

The people who live in the cities and towns are demanding more and more that the streets be planted with shade trees which are both practical and sightly to the eye. To this end I try to grow trees which answer that demand. There are any number of trees to be had at a very low figure, but when compared with a well-grown Nursery product, the difference in quality will be apparent to the most uncritical layman. I also grow specimens for private estates, where the main object is planting for immediate effect, and the results obtained by using these are justified by having large and wellgrown trees in a year's time.

ACER. (Maple.) This family is more widely planted than any other, as it adapts itself to nearly all kinds and conditions of soil.

PLATANOIDES. (Norway Maple.) This is generally acknowledged to be the best street tree of all the Maples, as it withstands the gases, dust, etc., better than most other trees. It is of spreading habit, and the foliage being large and luxuriant, it makes a very dense shade.

Transplanted Trees.	Each	10
9 to 10 feet.....	\$2.00	\$18.00
10 to 12 feet.....	3.50	
12 to 14 feet.....	5.00	

SCHWEDLERI. The Purple Norway Maple's beautiful leaves attract attention at all seasons, but are especially fine in spring, when their gleaming red and purple contrasts brightly with the delicate green of other trees. In mid-summer they are purplish green; in autumn, golden yellow.

Transplanted Trees.	Each	10
6 to 8 feet.....	\$1.85	\$16.50
8 to 10 feet.....	3.00	27.50
10 to 12 feet.....	4.50	

PSEUDO-PLATANUS. (Sycamore Maple.) A handsome tree of rapid growth, with large, dark green leaves.

	Each	10
6 to 8 feet.....	\$0.50	\$4.00
8 to 10 feet.....	.75	6.00

AESCULUS. (Horse-Chestnut.) Valued for its large foliage and its beauty in May and June, when it is covered with large terminal flower-trusses.

6 to 8 feet.....	each	\$1.00
10 to 12 feet.....	each	2.00

GLABRA. (Buckeye.) A native of the Western States, with large dark green leaves and yellow flowers.

	Each	10
5 to 6 feet.....	\$1.00	\$8.00

HIPPOCASTANUM. (European Horse-Chestnut.) This is the most widely planted of all, forming a tree of regular outline; is free from disease and in spring is not bear fruit.

	Each	10
6 to 8 feet.....	\$1.00	\$ 9.00
10 to 12 feet.....	2.00	18.00

HIPPOCASTANUM ALBA FLORE PLENO. (Double-flowering Horse-Chestnut.) This is very similar to the type, but has larger flower trusses and the flowers are double. The flowers are sterile and the tree does a mass of white flowers.

	Each	10
5 to 6 feet.....	\$1.50	\$14.00
6 to 8 feet.....	2.00	18.00
10 to 12 feet.....	3.00	29.00

HIPPOCASTANUM RUBICUNDA. Similar to the white-flowered, but is a smaller tree with red flowers.

	Each	10
4 to 5 feet.....	\$1.50	\$14.00

AILANTHUS GLANDULOSA. (Tree of Heaven.) A very rapid-growing tree, with palm-like foliage. Withstands the gases of cities.

	Each	10
6 to 8 feet.....	\$0.50	\$ 4.00
8 to 10 feet.....	.75	6.00
10 to 12 feet.....	1.25	11.50

ASH, EUROPEAN. Large spreading tree of rapid growth; darker foliage than the American. 8 to 10 feet, \$1.00.

ASH, AMERICAN (White). A tall, rapid grower, smooth gray bark and glossy leaves. For parks and streets. 8 to 10 feet, \$1.00.

CATALPA BUNGEI. (Chinese Catalpa.) This is mostly grown in standard form and planted as a lawn tree and along walks. It stands pruning very well, and if cut back each year to one eye it will always make a perfect head.

	Each	
2-year head, 4 to 6-foot stem.....	\$ 1.50	
3-year head, 4 to 6-foot stem.....	2.00	
10-year head, 4 to 6-foot stem.....	15.00	



Leave the World More Beautiful than You Found It



CAMPERDOWN ELM

ELM, CAMPERDOWN. Its vigorous, irregular branches, which have a uniform weeping habit, overlap so regularly that a compact, roof-like head is formed. Leaves are large, glossy, dark green. A strong, vigorous grower. The finest Weeping Elm and one of the best weeping trees.

2-year heads\$1.50
Specimens 7.50 to \$10.00

ELM, AMERICAN. A noble native tree of large size, wide spreading head and graceful drooping branches. One of the grandest park and street trees.

10 to 12 feet.....Each 10
.....\$1.00 \$8.50

ELM, ENGLISH. More densely branched than the American, and not quite so tall, with smaller, darker leaves, retained longer in autumn. The branches project from the trunk almost at right angles.

6 to 8 feet.....Each 10
8 to 10 feet.....\$1.00 \$8.50

Selected specimens, \$3.00 to \$5.00 each.

Judas Tree (Red Bud)

It blooms in early spring. Its masses of small, delicately rosy red flowers wreath the leafless branches so quickly as to give very fine contrasts and cheery spring effect. 5 to 6 feet, \$1.25.

Linden (Tilia)

AMERICANA (American Linden, or Basswood). Stately and vigorous tree, with large, shining, dark green, heart-shaped leaves; flowers very fragrant.

	Each	Doz.	100
8 to 10 feet.....	\$1.50	\$15.00	\$125.00
10 to 12 feet.....	2.00	20.00	
12 to 14 feet.....	3.00	30.00	

EUROPAEA (European Linden). Fine, large pyramidal tree. Foliage plentiful, forming a dense shade. Very fragrant when in bloom.

	Each	Doz.
8 to 10 feet.....	\$1.50	\$15.00
10 to 12 feet.....	2.00	20.00
12 to 14 feet.....	3.00	30.00

Mulberry (Morus)

PENDULA (Teas' Weeping Mulberry). A beautiful, hardy, ornamental tree; forms a perfect umbrella-shaped head, with long, willowy branches, drooping to the ground. 3-foot stems, \$1.00.

5 to 7 feet, 2-year heads.....\$1.50
6 to 7 feet, strong, 3-year heads..... 2.50
Specimens 5.00

Mountain Ash (Sorbus)

AUCUPARIA (European.) A fine tree, dense and regular; covered all summer with great clusters of scarlet berries.

	Each	Doz.
4 to 6 feet.....	\$0.75	\$ 7.50
6 to 8 feet.....	1.25	12.00

Poplars (Populus)

BOLLEANA. Similar to the well-known Lombardy Poplar in habit, but broader, and, like it, useful in breaking the monotony of lower round-topped trees. Will grow to a tall spire 80 feet high. Its leaves are glossy green above, silvery beneath.

8 to 10 feet.....each \$2.00

CAROLINA. A vigorous, healthy native tree of rapid growth, pyramidal in form, with large glossy leaves; valuable for park or street planting. Makes a fine spreading head if well cut back the first few seasons; succeeds everywhere.

10 to 12 feet.....each \$1.50

LOMBARDY. A native of Europe. Remarkable for erect growth and tall spire-like form.

	Each
8 to 10 feet.....	\$0.85
10 to 12 feet.....	1.00

POPLAR. Carolina and Lombardy.

VAR. AUREA VAN GEERTII. (Golden Poplar.) One of the finest golden-leaved trees for contrast groups, as it holds its color well throughout the season. Has all the fine, vigorous characteristics of the species and grows to about the same height.

	Each
8 to 10 feet.....	\$1.50
10 to 12 feet.....	2.50

Willow (Salix)

S. BABYLONICA. Our familiar Weeping Willow. A fine, drooping tree, 30 to 40 feet high, with slender branchlets.

VAR. DOLOROSA. (Wisconsin Weeping Willow.) Of similar fine habit, but hardy further north.

VAR. ANNULARIS. (Ring Willow). An odd tree, with the leaves twisting so as to form rings along the drooping branchlets. Each 75c to \$3.00.



MY SUCCESS IN TRANSPLANTING 10-YEAR OLD FRUIT TREES



Gloede's Research in Horticulture



ORNAMENTAL FLOWERING SHRUBS

Aralia (Hercules Club)

SPINOSA. (A.) A large shrub of semi-tropical appearance. Very prickly stem. Bears immense clusters of white flowers. 3 to 4 feet, 60c; 4 to 5 feet, 75c; 5 to 6 feet, specimens, \$1.00.

BERBERIS THUNBERGII. One of the most popular shrubs; used mostly for hedges and single specimens. In winter it is covered with bright red berries.

	Each	Doz.	100
1½ to 2 feet.....	\$0.25	\$2.50	\$18.00

VULGARIS. (European Barberry.) Grows 5 to 8 feet, with bright green foliage, yellow flowers and red fruits.

PURPUREA. (Purple Barberry.) Foliage a beautiful deep purple all the year; a splendid specimen shrub and almost indispensable in contrastive groupings.

	Each	10	100
18 to 24 inches.....	\$0.20	\$1.50	\$12.00
2 to 3 feet.....	.25	2.00	15.00
3 to 4 feet.....	.35	3.00	25.00

Calycanthus

(Carolina Allspice, Sweet Shrub)

C. FLORIDUS. A unique shrub, growing rapidly upright to 6 feet, clothing its straight, strong, reddish brown shoots with large, glossy leaves, from the axils of which spring odd, double, spicily fragrant flowers of chocolate-red. This is the old-fashioned "shrub" that the children tie in the corner of their handkerchiefs. One of the earliest to bloom in the spring. Strong plants, each 75c; 3 for \$2.00.

CARAGANA ARBORESCENS. (Siberian Pea Shrub.) Grows 10 to 12 feet high and makes a splendid show with its bright green, compound leaves, and numerous small clusters of yellow flowers. 4 to 5 feet, each 75c.

Ceanothus (New Jersey Tea)

CEANOTHUS AMERICANUS. S. June. A shrub good on dry soils. Numerous small, white flowers in dense panicles, entirely covering the foliage. The tops all winter-kill unless protected. 1 foot, 50c; 2 feet, \$1.00.

Cerasus (Cherry)

CERASUS JAPONICA ROSEA. C. An upright form of the double rose-flowering cherry from Japan. The flowers are large and double and tinted with exquisite shades of rose and pink, freely produced in May. 4 to 5 feet, \$1.00.

C. VAR. ROSEA PENDULA. (Japan Weeping Rose-flowered Cherry.) C. One of the most interesting and beautiful of weeping trees. It is smothered at blossoming time with its rose-tinted blooms and always has a graceful and symmetrical habit, besides being favored with handsome foliage, which gives it merit when out of bloom. Especially useful for lawn planting near residences. \$1.50.

MASCULA. (Cornelian Sherry.) Bright yellow flowers in spring. 2½ to 4 feet. Each, 35c; per dozen., \$3.50.

MASCULA ALBA MARGINATA. Beautiful Silver variegated foliage and bright golden yellow double flowers. Early spring. 2 to 3 feet. Each, 50; per doz. \$5.00.

Colutea

C. ARBORESCENS. (Bladder Senna.) Of quick growth to 15 feet tall, in any dry, sunny situation, with graceful branches of delicate, acacia-like foliage. Its long racemes of yellow and cinnabar-red, pea-shaped flowers appear in summer, and are followed by showy, red, bladder-like seed-pods. Needs protection in the North. 4 to 5 feet, 75c.

CORNUS. (Dogwood.) The shrubby Dogwoods are mainly valuable for the brilliancy of their barks and berries, and the handsome variegation of their foliage.

SIBIRICA. Grows 6 to 10 feet high, with clusters of fine white flowers, succeeded by a fall crop of ornamental berries; stem and branches turning to blood-red in winter.

CORNUS FLORIDA. (White-flowering Dogwood). B. American variety or irregular habit with spreading open top, growing about 25 feet high. The flowers are white, produced in May, followed by scarlet berries and gorgeous Autumnal coloring of the leaves. It associates well with other low trees.

SANGUINEA. The well-known red-branched Dogwood. Very conspicuous in winter, when the branches are blood-red. Each 35c; 3 for \$1.00.



CORNUS (DOGWOOD)

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Leave the World More Beautiful than You Found It



GOLDEN CHAIN

Cytisus Golden Chain

GOLDEN CHAIN. This is one of the popular names applied to the family of cytissus, which is undoubtedly one of the most beautiful shrubs in cultivation. Perfectly hardy; the long drooping branches are clothed from end to end with gorgeous yellow fragrant blossoms. I have been able to secure a limited number only, which I am offering this season, strong plants, each, \$1.00; per dozen, \$10.00.

Corylus (Filbert Hazel)

C. AVELLANA, VAR. ATROPURPUREA. (Purple-leaved Filbert.) The Hazels are sometimes used as hedges and are valuable for this purpose. In early spring, the long, drooping catkins are very beautiful, and in fall the shrubs bear large quantities of delicious nuts. This variety is particularly valuable for group effects, the large, purple leaves holding their color well. It grows to a height of 10 to 12 feet. Strong plants, 35c each; 3 for \$1.00.

Crab (Bechtel's Double Flowering)

Most beautiful of all the flowering Crabs; hardy. Trees of medium size are covered in early spring with large, beautiful double fragrant flowers of a delicate pink. This is the ideal lawn tree for a small yard. 3 to 4 feet, \$1.25; 4 to 5 feet, \$1.75; 5 feet specimens, \$3.00 to \$6.00.

Exochorda (Pearl Bush)

EXOCHORDA GRANDIFLORA. L. Its foliage is broad, lanceolate-ovate, sharp-pointed. The flowers are pure white, in racemes of five or six, with spoon-shaped petals, which are very narrow and stand apart at the base. A delicate fragrance adds to its charm. Each, 35c; 3 for \$1.00.

Deutzia (Deutzia)

We are indebted to Japan for this valuable genus of plants. Their hardihood, fine habit, luxuriant foliage and profusion of attractive flowers render them among the most beautiful and deservedly the most popular of flowering shrubs at the present time. The flowers are produced the latter part of June in racemes four to six inches long.

D. LEMOINEI. Rarely growing over 3 feet high, with spreading branches, it has bright green leaves 2 to 3 inches long and white flowers grown in large clusters in early summer.

VAR., PRIDE OF ROCHESTER. A showy, early and large flowering sort, that blooms in May before the others. Grows 6 to 8 feet tall. The white flowers are large and double. Strong plants, each 35c; 3 for \$1.00.

FORSYTHIA. (Golden Bell.) These splendid old shrubs, growing 8 to 10 feet tall eventually, light up the garden with glinting masses of yellow, very early in spring before the leaves appear. Their bright golden flowers, often appearing before the snow is gone, vie with the Crocus as harbingers of spring.

SUSPENSА. Very long, curving branches, superbly adapted to covering arches and trellises.

SUSPENSА FORTUNEI. Similar to the above, but of more upright growth. Each 35c; 3 for \$1.00.

Hippophae (See Buckthorn)

HIPPOPHAE RHAMNOIDES. (Sea Buckthorn.) M. A small tree or shrub. Foliage grayish white. This is an unusual color and is very fine. Each 35c; 3 for \$1.00.

Hydrangea Paniculata Grandiflora

Without doubt the best known and most popular summer flowering shrub in cultivation at the present time. The flowers, which are borne in dense pyramidal panicles a foot long, in the greatest profusion, are white when they first open, but gradually change to rose color, and remain in good condition for weeks. Fine bush plants, 25c each; \$2.50 per doz.; \$18.00 per 100. Extra fine bush plants, 50c each; \$5.00 per doz. \$30.00 per 100.

Standard or tree-shaped plants, which will make beautiful specimens for the lawn or garden, 75c each; \$6.50 per doz. Stronger specimens, \$2.00 each to \$5.00.



HYDRANGEA PANICULATA GRANDIFLORA

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Gloede's Research in Horticulture



HYDRANGEA ARBORESCENS GRANDIFLORA

HYDRANGEA ARBORESCENS GRANDIFLORA. A grand addition to the summer flowering, hardy shrubs; dwarfing the show of other sorts in July and August by the magnitude and profusion of its flower-heads. The flowers are, in a large way, similar to the familiar "Snowball" in appearance, and are conspicuously white and imposing, whether as single specimens, as cut flowers, or in groupings.

	Each	10
18 to 24 inches.....	\$0.40	\$3.00
2 to 3 feet.....	.50	4.00

Ligustrum (Privet)

Rapid growers in most situations and doing well in partial shade. Excellent for hedges or for association with other shrubs.

LIGUSTRUM CILIATUM. Comparatively small shrub with spreading branches, 4 to 6 feet high. Leaves dark green, 1 to 2 inches long. Flowers white; berries black, shining. 2 to 3 feet, 25c; \$2.50 per dozen.

L. IBOTA. M. July. A Japanese Privet of the most beautiful character. Dark, oval foliage, contrasting well with the prominent racemes of white, fragrant flowers. One of our best hardy hedge plants. 2½ to 3 feet, 25c; \$2.50 per doz.; \$15.00 per 100. 3 to 4 feet, 30c; \$3.00 per doz.

Hybrid Lilac in Tree Form

I have been paying particular attention to the growing of Hybrid Lilacs. The varieties I offer this season are some of the best found in the famous collection at the Arnold Arboretum. Attention is asked to the assortment of varieties, including all shades of color, double and single forms.

Lilacs

BELLE de NANCY. D. Brilliant, satiny-rose; shading to white at center; very large and fine. Each \$1.00.

CHARLES X. S. The well-known favorite purplish-red variety; strong, rapid grower; trusses loose and graceful. Each \$1.00.

MADAME LEMOINE. D. Pure white; fine. Each \$1.00.

MARIE LEGRAYE. S. The panicles of pure white single flowers are very fine and fragrant; an excellent forcing variety. Each \$1.00.

MICHAEL BUCHNER. D. Dwarf; very double; pale lilac. Each \$1.00.

PRESIDENT LOUBET. D. One of the darkest lilacs; long, compact spikes of enormous flowers, reddish carmine in bud, and opening purplish red. Each \$1.00.

SOUVENIR de LUDWIG SPAETH. S. Panicles long; individual flowers; large, single, dark, purplish-red; a well-known and favorite variety. Each \$1.00.

JAPONICA. S. Creamy white, in large panicles; a month later than other lilacs; grows into a small tree. Each \$1.00.

JOSIKAEA. Dark, glossy leaves and purple blooms; flowers in June after other lilacs have finished blooming. Each \$1.00; specimens up to \$35.00.

PERSIAN, PURPLE. Small glossy leaves that do not mildew. Sweet scented flowers. 2½ to 3 feet, 50c.

VILLOSA LUTEA. A late-flowering species, blooming a month later than other varieties, with deep pink flowers; extremely free-flowering and effective. Makes a large, splendid specimen. \$1.00.

VULGARIS. (Common Lilac.) Bluish-purple flowers. A standard variety. Always good. Each 50c.



LILAC

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Lonicera (Bush Honeysuckle)

LONICERA ALBERTI OR HISPIDA. (Siberian Honey-Suckle.) S. July and August. The bluish-colored leaves, very narrow, yet much larger than those of the common sorts, are thickly set on very slender, drooping branches. Flowers of a porcelain-blue color, are intensely fragrant, one often being sufficient to scent a whole room. Rare and desirable.

LEDEBOURI. Scarlet-red flowers; vigorous grower.

TARTARICA. (Tartarian Honeysuckle.) A tall growing class, attaining 8 to 10 feet if left unpruned, the red sort very bright in early summer with its flowers, and all varieties resplendent during the fall with great quantities of red and orange berries.

TARTARICA ALBA. Flowers bluish-white.

TARTARICA GRANDIFLORA. The largest flowered; bright red, streaked with white. Considered by many to be the showiest of the group.

Each 35c; 3 for \$1.00. Stronger plants 75c to \$3.00.

Magnolia

The magnificent stateliness and splendor of the Magnolias, the size and richness of their foliage, and abundant yield of fragrant flowers, all tend to place them in the front rank of hardy trees and shrubs. They may be planted in borders or singly on the lawn. They have no equals in beauty.



MAGNOLIA HALLEANA

SOULANGEANA. The largest of the Chinese varieties.

Flowers white, with purple at base of petals. Blooms in profusion.

Each	
3 to 4 feet.....	\$3.00
4 to 5 feet.....	4.50

HALLEANA. (Stellata.) A pretty dwarf form that opens its snowy, semi-double flowers in April; earlier than any other Magnolia; the fragrance is pronounced and delicate. Each, \$2.00.

MAHONIA AQUIFOLIA. A dwarf shrub, with shiny green prickly foliage and clusters of yellow flowers in May, followed by bluish berries. 35c each.



MAGNOLIA SOULANGEANA

Bechtel's Crab

CRAB, FLOWERING, BECHTEL'S. Makes a medium-sized tree; perfectly hardy; succeeds well in all soils not extremely wet. When in bloom appears to be covered with delicate pink, perfectly double small roses of delicious fragrance. The only sweet-scented Double Crab. Each 35c to \$3.00.

CRAB, FLOWERING, ASTROSANGUINEA. Makes a beautiful contrast to the other varieties by reason of its darker red flowers. The buds are deep purplish red before opening, and the entire flower has a purplish tinge. 4 to 5 feet, 75c.

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DOUBLE FLOWERING PEACH

PHILADELPHUS. (Syringa or Mock Orange.) One of the best and most popular shrubs. They are usually tall, vigorous growers, with large foliage and flowers, and so are valuable for backgrounds, screens, grouping and specimens. Their flowers are very sweet-scented, milk-white in most cases, and beautiful for cutting.

AUREUS. (Golden Syringa.) A striking shrub of medium growth, with golden-yellow foliage throughout the season. Indispensable for yellow contrastive grouping. Each 50c; \$4.00 per 10.

FLOREPLENO. Beautiful semi-double white flowers. 2 to 3 feet, 35c each; \$3.50 per 10.

CORONARIUS. (Garland Syringa.) A fine old form, 8 to 10 feet tall, that blooms among the earliest of the family, in very graceful sprays. Its large white flowers are delightfully scented. May. Each 35c; 3 for \$1.00.

GRANDIFLORUS. Very large flowers in June. Each 35c; 3 for \$1.00.

GORDONIANUS. Best late bloomer. July. Each 35c; 3 for \$1.00.

Double Flowering Peach

These are distinguished for their showy and beautiful blooms at the blossoming season, every branchlet being covered with a mass of beautiful formed flowers of white rose or red, rendering the trees most interesting and attractive objects. The several colors planted in groups produce charming effects. Each 75c; 3 for \$2.00.

Prunus (Tree Form)

TRILOBA. (Double Flowered Plum.) A charming shrub of vigorous growth. Very early in spring, before its leaves appear, the whole tree is decked in a fleecy cloud of very double light pink blossoms. Its effect on a still, leafless landscape is very bright. Each 75c; 3 for \$2.00.

PRUNUS PISSARDI. (Purple-leaved Plum.) A distinct and handsome little tree, covered with a mass of small, white, single flowers in spring, later, with showy pinkish purple leaves that deepen in color to the end of the season. A unique lawn ornament at all times of the year. Each 50c; specimens up to \$5.00.

RIBES. (Flowering Currants.) Hardy, bushy shrubs, growing 8 to 10 feet high, prized on account of their early spring flowers; bright berries and bark, and pretty richly coloring foliage.

AUREUM. (Golden Currant.) Yellow flowers and dark brown fruits.

GORDONIANUM. (Missouri Currant.) Beautiful rose-colored flowers in pendant racemes, in May.

SANGUINEUM. (Red Flowering Currant.) Red barked twigs, and reddish-purple flowers. Strong plants, each 35c; 3 for \$1.00.



PRUNUS TRILOBA

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RHUS - SUMAC

Rhus (Sumac)

COTINUS. (Purple Fringe, or Smoke Tree.) A curious large-growing shrub, forming broad, round-headed bushes. Delicate fringe-like or feathered flowers in summer; very profuse bloomers; leaves bright pea-green. When in full bloom has the appearance of a cloud of smoke. Very novel and decorative.

GLABRA. Bright crimson foliage and seeds in autumn. Fine for color effects.

LACINIATA. Fern-like appearance; very effective.

TYPHINA. (Stag's-horn Sumac.)

LACINIATA. (Fern-leaved Staghorn Sumac.) The leaves are beautifully cut and equal in grace and intricacy the most delicate fern. The foliage assumes most brilliant coloring in the fall; this, combined with its showy clusters of crimson fruit, makes it unique for mass planting where rich color effect is desired. It is also decidedly picturesque trained in tree form. Strong plants, each 35c; 3 for \$1.00.

Sambucus (Elder)

S. VAR. AUREA (Golden Elder). A large, golden-leaved form. Requires the full sunlight, when it is one of the best of yellow shrubs. 3 ft., 35c; \$3.50 per doz.

S. VAR. LACINIATA (Cut-leaved Elder). M. Elegantly cut leaves. 2 to 3 ft., 35c.

S. RACEMOSUS (Scarlet-berried Elder). L. A new shrub, with snowy white flowers in May; later, bunches of vivid crimson berries. A fine shrub. Strong plants, 35c; 3 for \$1.00.

SYMPHORICARPUS. 3 to 5 feet. Highly valued for use in densely shaded situations where little else will grow and for the striking beauty of their bright, persistent fruits.

RACEMOSUS. (Snowberry.) Inconspicuous, rose colored flowers in June and July; followed by large, clustered, milk white fruits which remain far into winter. 2 to 3 feet; 30c; \$2.50 per 10; \$20.00 per 100. Mail size, 15c each.

SPIRA ARGUTA MULTIFLORA. (B.) Dwarf, drooping habit; flowers pure white, commencing to bloom in June; fine foliage. 2½ to 3 ft., 45c; 4 ft. specimens, 75c to \$1.00.

CALBORA FROEBELI. A variegated leaved, free-flowing variety, flowers rose. 2 ft., 30c; \$20.00 per 100; 3 to 4 ft., 60c; 4 ft. specimen, 75c.

S. SORBIFOLIA (Ash-leaved Spiraea). S. July. Handsome foliage, resembling the Mountain Ash. Long showy panicles of white flowers. A fine Spiraea. 24 to 30 in., 30c; \$3.00 per doz.

S. THUNBERGII (Thunberg's Spiraea). S. April and May. Japan. Low-growing, rounded form, delicate drooping, yellowish green, lanceolate foliage, which takes and retains late, the most lovely tints in Autumn. Small, abundant, white flowers in May. 2 to 2½ ft., 30c each; \$3.00 per doz.

S. VAN HOUTTEI (Van Houtte's Spiraea). M. June. The finest and most satisfactory of all Spireas, either singly or among other shrubs. It forms a round and graceful bush with arching branches, which in June are set from end to end with the beautiful white blossoms. A shrub which cannot be overlooked. 25c, 50c and \$1.00 each.



SPIREA ARGUTA MULTIFLORA

Gloede's research assures that you obtain exactly that for which you pay



SPIREA VAN HOUTTEI IN FRONT OF MR. GLOEDE'S RESIDENCE
Result of Proper Foundation and Fertilization

TAMARIX. Tall growing shrubs, 8 to 12 feet high, with fine feathery foliage like that of the Juniper; small, usually pink flowers in April or May. Splendid for seaside planting or other damp places.

AFRICANA. Slender panicles of bright pink; reddish bark.

GALLICA. Delicate pink, nearly white flowers; leaves bluish green.

INDICA. Extra long, wand-like sprays; foliage dull green.

ODESSANA. (Caspian Tamarix.) Exquisitely feathered foliage of silvery green, blooming late in summer with large, loose panicles of lavender-pink flowers. Dwarfier growing, more bushy and spreading than the others, and latest to bloom. Each 50c; doz. \$5.00.

V. TOMENTOSUM (Japonicum). L. Generally conceded to be the handsomest shrub shown for many years, and far more picturesque than even the famous *V. plicatum*, of which it is the single or fertile form. Its dark plicated foliage and massive cymes of bloom, which appear late in the summer, are not equalled by any other shrub. 3 ft., 35c each; \$3.50 per doz.

WEIGELIA AMABILIS. A beautiful and distinct pink. 25c each.

CANDIDA. Fine pure white; flowers of large size. 25c each.

ROSEA. Soft rosy carmine. 25c each.

ROSEA NANA VARIEGATA. Beautiful, clearly defined variegation of green, yellow and pink in its leaves; flowers delicate rose-pink. 25c each.

EVA RATHKE. The finest Weigelia in cultivation; flowering continuously throughout the summer and autumn; of a rich ruby carmine. 25c each.

Viburnum (Arrow-Wood)

LANTANA. (Wayfaring Tree.) 10 to 15 feet. Beautiful wrinkled, Lantana-like leaves; white flowered in May and June. Fruits color unequally from crimson to black, causing a most charming combination of colors throughout the summer. 2 to 3 feet, 30c each; \$2.50 per 10.

V. OPULUS (High Bush Cranberry). L. June. One of the best for general planting. The leaves are broad and elegant, and the Fall-borne, bright scarlet berries catch the eye late into Winter. 3 ft., 35c each; \$3.50 per doz.

V. PLICATUM (Japan Snowball). L. May. We consider this Japanese plant one of the finest shrubs in existence, both in flower and leaf. The plicated leaves are one of the great attractions of the plant. It forms a most symmetrical bush or single specimen. 3 ft., 50c each; \$4.00 per doz.



SPIREA THUNBERGII



Leave the World More Beautiful than You Found It

HARDY VINES AND CLIMBERS

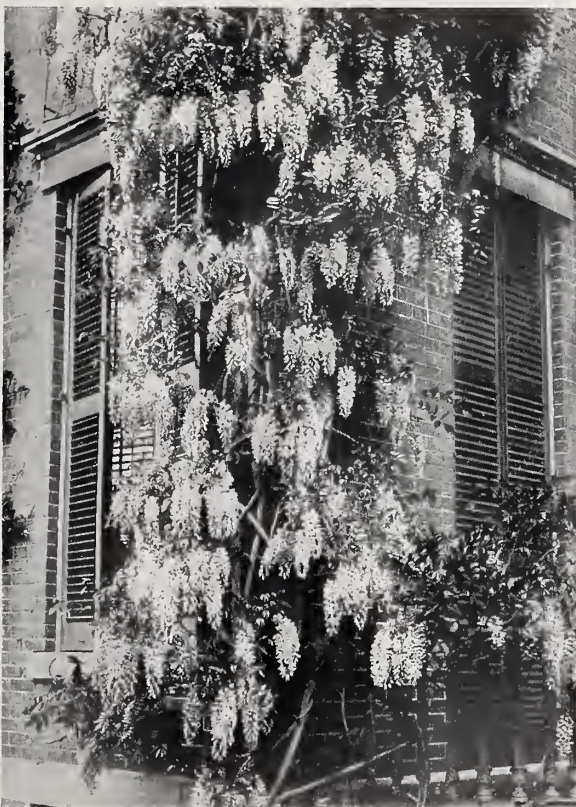
Are indispensable for covering verandas, terraces, walls, fences, etc. them charmingly attractive all through the season.

Ampelopsis

VEITCHII. (Japanese or Boston Ivy.) This hardy variety clings firmly to the side of a house or wall, and will soon form a perfect mass of foliage. The leaves overlap with wonderful regularity. In autumn this beautiful climber assumes its greatest beauty, changing until it is a glowing mass of the brightest shades of crimson, scarlet and orange. Hardy. Strong vines, 50c; \$5.00 per dozen.

AMPELOPSIS ENGELMANNI. (Engelman's Ivy.) One of the hardiest, best and quickest growing climbers for the north and northwest. Quite similar to the Virginia Creeper, but vastly superior to it, the foliage being cleaner, of greater substance and not turning yellow during the early fall, and almost perfectly free from insects. The leaves color up beautifully in the fall. 2-year, 25c; 3-year, 35c; 4-year, 50c each.

AMPELOPSIS QUINQUEFOLIA. (Virginia Creeper or Woodbine.) Luxuriant in growth, with handsome foliage turning to bright crimson in the fall. Very hardy vine for covering old tree trunks, walls or fences. Strong plants, 2-year, each 25c; dozen \$2.50. Extra strong, 3-year, each 35c; dozen \$3.50; 4-year, each 50c.



WISTARIA (CHINENSIS)

Clematis Paniculata

CLEMATIS PANICULATA. (Japanese Virgin's Bower.) This handsome, hardy climber is one of the choicest and most satisfactory climbing flowering plants. Of strong, rapid growth, with small, dense, cheerful green foliage, and pure white, deliciously fragrant flowers which appear in the greatest profusion in August, followed by silvery, feathery seed-pods, which makes an attractive appearance until mid-winter. The plant succeeds in almost any position; not only is it well adapted to run up all kinds of supports, but is just as useful for planting among rock-work, sloping banks, or, in fact, any position where a graceful vine or trailer is desired. Each 35c, 75c to \$2.00.

CLEMATIS ARMANDI. A new, hardy species from the mountains of western China, of strong, rampant growth and covered with a wealth of glossy, deep green, luxuriant foliage, which is evergreen. During the past three winters it has stood in our nurseries with only a slight covering to keep off the sun. The individual flowers, of which there are often from a dozen to thirty in a cluster, are about two inches across, white, often rosy-pink on the back, and fragrant. It begins to flower in May. This species is a rapid grower, and should prove very valuable for covering pergolas and trellises. Each, \$1.00; dozen, \$10.00.

Their graceful habit and infinite variety of flowers and foliage make

CLEMATIS MONTANA RUBENS. This beautiful, hardy, new Clematis begins to bloom early in June when a profusion of soft, rosy-red blossoms resembling those of the Japanese Anemone are produced. As the flowers are borne on the young wood, they appear more or less freely until frost. A First Class Certificate was awarded to this plant by the Royal Horticultural Society of London. Each, 50c; dozen, \$5.00.

CLEMATIS TANGUTICA. A fine Chinese variety of free and rapid growth; foliage dense and bright green. A good climber and one of the best ground-covering and trellis plants. Flowers bright yellow. June-July. Each, 30c; dozen, \$3.00.

VILLE DE LYON. New. This beautiful new Clematis of the Jackman type, cannot be too highly recommended. The flower is large, bright red, and the vine is completely smothered when in bloom. Each, 50c.

C. VIRGINIANA. (Virgin's Bower.) August. A strong climber with dark green foliage and very pretty white flowers; the bunches of seed have long, woolly tufts, making them very ornamental for winter decoration. 3-year, 30c.

The New Clematis Virginiana

CLEMATIS var NEW ENGLAND. I offer for the first time this beautiful new Clematis. The original plant was found growing in an old-fashioned garden in Connecticut. It has foliage similar to that of *C. Virginiana*, but the flowers are a cross between *C. paniculata* and *C. Davidiana*. It blooms in August, bearing large trusses of white flowers, shaded with blue-lilac. The blossoms are similar in shape but larger than *C. paniculata* and are produced in great profusion. 2-year plants, \$1.00.

Hybrid Large-Flowered Clematis

Clematis needs the richest soil which can be given them, and are benefited by heavy mulchings in summer and fall.

DUCHESS OF EDINBURG. Double, white, sweet-scented. 2-year, 50c.

HENRYI. One of the best whites. Large, creamy white. 2-year, 50c.

JACKMANI. A general favorite. Violet-purple and free-flowering. 2-year, 50c.

Akebia

AKEBIA Quinata. May. One of the best Japan vines, with beautiful, clover-like leaves and plum-colored flowers. A splendid vine. Hardy, 50c.

Actinidia

ACTINIDIA Polygama or *Arguta*. A strong-growing climber from Japan. Foliage glossy green, and flowers white, with a purple center. The fruit produced is edible. 3-year, 50c.

Honeysuckles (Lonicera)

I cannot speak too highly of this class for covering arbors, fences, pergolas, verandas, etc. They are the best vines for ground planting under trees, and if used on terraces or embankments, will prevent washing. Railroads are using them very extensively for this purpose. All are perfectly hardy and improve in beauty each year.

BELGICA. (Sweet-scented Monthly.) One of the most satisfactory Honeysuckles, producing continuously large trusses of red and yellow fragrant flowers.

FLAVA. (Yellow Trumpet Honeysuckle.) A choice but scarce species, with bright yellow flowers.

FUCHSIODES. (Scarlet Trumpet or Sempervirens.) Fuchsia-like scarlet flowers; very free and beautiful.

HALLEANA. (Hall's Japan Honeysuckle.) A strong grower and constant bloomer. Flowers open white, changing to buff; very fragrant.

HECKROTTI. (New Sweet-scented.) Remarkable for the large size and distinct appearance of its flowers, dark, rich red and creamy yellow in color. Blooms continually the whole season.

JAPONICA HALLEANA. (Hall's Japanese.) Almost evergreen sort, flowers pure white, changing to yellow. July to November. Heavy 3-year-old vines, each 50c; 3 for \$1.35; dozen, \$5.00.

Ipomoea Pandurata

Rapid growing climber, absolutely hardy, thriving in almost any soil. Flowers are abundant, pure white with purple throat; foliage is luxuriant. One of the best climbers for northern latitudes. First size roots, each 25c; dozen, \$2.50 (exp.).

Matrimony Vine (Lycium)

Well-known, hardy, fast-growing vine; handsome when covered with scarlet fruit in autumn. Commonly used as a trailer, and for a ground cover under trees and on terraces or any kind of steep slopes to hold the soil in place.

Strong, 2-year-old plants, each 25c; dozen, \$2.50; 3-year-old, each 35c; dozen, \$3.50; 4-year-old, each 50c; dozen, \$5.00 (exp.).

Tecoma (Trumpet Vine)

GRANDIFLORA. (Chinese Trumpet Vine.) Flowers large, orange-red. For covering unsightly places, stumps, and rock-work, the Tecomas will be found very useful. Each 75c; per dozen, \$7.50.

RADICANS. (Common Trumpet Vine.) A splendid climbing vine, with large, brilliant orange-scarlet flowers in July and August. Each, 35c; per dozen, \$3.50.

Wistaria

BRACHYBOTRYS. A short-clustered Japanese species with purple flowers. 50c each; \$5.00 per dozen.

CHINENSIS. (Chinese Wistaria.) A very strong grower; once established, it climbs high and twines tightly. Blooms very profusely early in the summer; flowers sky-blue, in pendulous clusters. 35c each; \$3.50 per dozen.

CHINENSIS ALBA. (White Chinese Wistaria.) A choice variety with white flowers. Both this and the preceding may be trained to a single stem and grown as bushes for the lawn. 50c each; \$5 per dozen.

CHINENSIS FL. PL. (Double-flowered Chinese Wistaria.) A rare and beautiful variety, with long clusters of double, pale blue flowers. 75c each; \$7.50 per dozen.

FRUTESCENS. (American Wistaria) A smaller, more slender vine than the former, with smaller clusters of purple flowers. 25c each; \$2.50 per dozen.

MULTIUGA. Japanese Loose-clustered Wistaria.) A rare species, with purplish or lilac-colored flowers, borne in immense clusters, sometimes 2 feet in length. \$1.00 each; \$10.00 per dozen.

MULTIUGA ALBA. Very rare; large white clusters of flowers. 75c.

Gloede's research assures that you obtain exactly that for which you pay



Gloede's Research in Horticulture



HARDY EVERBLOOMING CLIMBING ROSES



TAUSENDSCHON

A Legend of the Rose

The Queen of Flowers was originally white and thornless. One bright, sunny June morning, Cupid bent lovingly over his favorite flower and lightly touched his pretty lips to her trembling petals. The kiss of love was rudely rebuked by the sting of a bee that had sought nectar from the heart of the rose. A single drop of Cupid's blood fell upon the pure white bosom of the Flower Queen. In an instant, it spread over her whole being. Cupid, wild with rage and pain, ran screaming to Venus, his mother, who appeased the boy by stringing his bow with bees and placing their poisonous stings on the slender stems of the Rose.

Rose (red) pure love.
Rose (white) secret love.
Rose (yellow) jealous love.
Rose (moss) confession of love.
Rose (wild) natural love.
Rose (sweetbriar) sympathetic love.
Rose (withered) lost love.

VEILCHENBLAU. (A new beautiful violet-blue Climbing Rose.) The steel-blue flowers of this new rose appear in large clusters, are semi-double and of medium size and long tenable. It is a strong growing, glossy green-leaved variety, with few but prickly thorns, and can be reckoned among the most hardy climbing roses known. Absolutely free from mildew.

YELLOW RAMBLER. (Aglaia.) Clusters of light yellow flowers.

PINK BABY RAMBLER. (Anchen Muller.) Large clusters of brilliant rose flowers; the edges of the petals are wavy, giving it a peculiarly graceful form.

I offer strong plants only.

Each 75c; dozen \$8.00; selected, each \$1.00; dozen \$10.00.

Make home more sweet and home-like with their beauty and fragrance. Do not fail to plant at least a few where they may be seen when you rise in the morning, and the days will be brighter.

Tausendschön

TAUSENDSCHON. (A new climbing Rose.) Each individual flower measures about 1½ inches across and is of a beautiful soft pink color, later on changing into rosy-carminé. The plant is of strong, vigorous growth, nearly thornless, absolutely hardy and a most excellent variety to plant wherever a strong climber is desired. Tausendschon is the most valuable hardy climber brought to trade during the last years.

AMERICAN PILLAR. (New.) An American seedling of great merit. Color a chaste shade of pink, with large white eye and bright yellow stamens; flowers very large, single and borne in immense clusters; these are followed in the autumn by pretty brilliant red seed berries. A tremendous grower, with its thick vigorous canes, it is without doubt one of the most valuable single climbing roses in existence.

BALTIMORE BELLE. Pale blush, nearly white, double.

CRIMSON RAMBLER. Clusters of bright crimson flowers in great profusion.

CLIMBING AMERICAN BEAUTY. (New.) A cross between an unnamed seedling and the grand old American Beauty. Of same color, size and fragrance.

DOROTHY PERKINS. Clear shell-pink, very sweet scented.

FLOWER OF FAIRFIELD. (Polyantha.) This is called the Ever-blooming Crimson Rambler, as it has flowers of the same color as its namesake; but its great drawback is that at no time is it as showy as the other.

GREVILLE, OR SEVEN SISTERS. Crimson, changes to blush; flowers in large clusters.

HIAWATHA. Crimson and white.

HIAWATHA. (Hybrid Wichuraiana.) This is one of the most beautiful single, brilliant pink roses, and is the best in its class.

PRAIRIE QUEEN. Deep rose, hardy and desirable.

LADY GAY. Cherry pink.

PINK RAMBLER. (Euphrosyne.) Brilliant light carmine.

QUEEN OF THE PRAIRIE. Bright rosy-red, double.

I offer strong plants only.

Each 75c; dozen \$8.00; selected, each \$1.00, dozen \$10.00.



QUEEN OF THE PRAIRIES

Gloede's research assures that you obtain exactly that for which you pay



Leave the World More Beautiful than You Found It

Hardy Hybrid Perpetual Roses

CAROLINE TESTOUT. Bright satiny-rose. One of the free-flowering and most popular hybrid-teas.

FRAU KARL DRUSCHKI. This is the ideal hardy white Rose, pure in color, perfect in form; strong grower and remarkably free-flowering; superb in every way.

MME. GABRIEL LUIZET. Pale pink; a delicate and beautiful tint; large and full, cupped; very sweet.

RICHMOND. A well-known brilliant crimson-scarlet; not very double, but beautiful in bud form.

LA FRANCE. Beautiful bright silvery-rose, with pale lilac shading, full and fine form, one of the sweetest scented roses.

PERSIAN YELLOW. The deepest yellow; fairly full; double.

SOLEIL D'OR. Color varying from orange-yellow to reddish-gold shaded with nasturtium red; conical shaped buds.

MRS. JOHN LAING. Very large, satiny-pink, of fine form; a good grower and abundant bloomer, one of the very best varieties, cannot be too highly recommended; vigorous.

Gruss an Teplitz

It is impossible in a printed description to give any adequate idea of the magnificent beauty of this rose. 50c each; dozen \$5.00.

Ramanas or Rugosa Roses

These lovely Roses form sturdy bushes 3 to 5 feet in height, covered with handsome glossy green foliage and clusters of beautiful fragrant single flowers. They bloom nearly the whole summer, and are equally as attractive during the autumn and winter when covered with their large, brilliant red seedpods.

Of healthy, vigorous growth and equally desirable alike as single specimens or for making a hedge. Rugosa Roses require no pruning, merely cut out dead and superfluous wood.

RUGOSA. Rosy carmine.

RUGOSA ALBA. Pure white.

Double Ramanas or Rugosa Roses

BLANC DOUBLE de COUBERT. A splendid double pure white.

CONRAD FERDINAND MEYER. Clear silvery rose with beautifully formed buds.

HANSA. An attractive double reddish-violet.

NOVA ZEMBLA. A hybrid variety in which the foliage is entirely distinct from the type; forms large shrub-like bushes 6 feet or more high, making it a most desirable variety to plant in the shrubbery border; the flowers are large, double, of fine form, white, with a pleasing flush of pink. Each 75c; dozen \$8.00.

Moss Roses

A class of Roses which are much admired. The beauty of the flower consists in the delicate mossy covering which surrounds the bud, and gives to the opening flower a unique appearance.

BLANCHE MOREAU. Lovely large, pure white.

COUNTESS de MURINAIS. Large white, beautifully mossed.

CRESTED MOSS. Rose color, beautifully crested.

CRIMSON GLOBE. Deep crimson, large and full.

GLOIRE de MOSSES. Blush, very large and full.

PRINCESS ADELAIDE. Bright silvery rose; large.

Extra strong 2-year-old plants, 50c each; \$5.00 per dozen.

ORNAMENTAL EVERGREENS AND CONIFERS



Many of the choice and beautiful varieties of Evergreens are not well known among gardeners and planters. This is clearly shown in the fact that thousands of certain new varieties are sold where others of equal or greater value and beauty are rarely called for. Their varying shades of color through the year give them the highest value in ornamental planting.

The Planting of Evergreens

Evergreens can be transplanted safely from open ground during the months of April, May, August and September. I ship no Evergreens which have not been transplanted several times. An Evergreen which has not been transplanted is often a finer specimen than transplanted stock, but it is of little value to the buyer. The larger sizes are shipped with compact balls of roots wrapped in burlap. (See cut.) This method of handling insures the plants against loss.

THE PLANTING. In planting all Evergreens, the soil should be firmly and thoroughly pressed down in close contact with all the roots. The latter should never be allowed to get dry before or after planting. Once dry, an Evergreen has small chance of living. Heavy watering at the time of planting, no manure in contact with the roots and thick mulching of the soil over the roots after planting are the essentials of success with Evergreens.

Gloede's research assures that you obtain exactly that for which you pay



Gloede's Research in Horticulture



Abies (Firs)

- BALSAMEA.** (Balsam Fir.) A very erect, pyramidal tree, with dark green foliage; very hardy. 3 to 4 ft., \$2.25 each.
- CONCOLOR.** (Silver Fir of Colorado.) A Rocky Mountain variety of evergreen without a peer in its native haunts. Its graceful arrangement of branches, covered with a richly colored foliage of bluish tint above, and silvery gray below, makes it a beautiful specimen for lawn planting. 3½ ft., \$4.00; 4 ft., \$5.00 each.
- A. NORDMANNIANA.** (Nordmann's Silver Fir.) Lm. Of symmetrical habit, with intensely dark, massive foliage, silvery beneath. 2 ft., \$1.00; 3 ft., \$2.00; 4 ft., \$3.00.

Juniperus (Junipers and Cedars)

- CANADENSIS.** (Canadian Juniper.) Of low spreading irregular form with foliage of light green. Valuable for rockeries and slopes. 2½ feet, \$2.50 each.
- JAPONICA ARG. VARIEGATA.** (Silver Variegated Juniper.) Foliage beautiful glaucous green, regularly interspersed with branchlets of a pure white. A distinct, rare and beautiful variety. 2 ft., \$2.50 each.
- SABINA.** (Cedar or Savin.) A dwarf spreading evergreen with trailing branches suitable for rock work. 1 foot, 75c each; 3½ ft., extra fine specimens, \$3.00 to \$5.00.
- PFITZERIANA.** One of the best Junipers. Makes rapid growth. Boughs are of a thick, rich green and inclined to droop, making it one of the most desirable as a specimen plant or excellent for rockery gardens where perpetual green is desired. It attains a height of about 12 ft. 2 to 2½ ft., \$2.50; 3 ft. high by 3 ft. in diameter, \$5 each.
- VIRGINIANA GLAUCOA.** (Blue Virginia Cedar.) A vigorous growing variety with foliage of silvery tinge, compact and conical in form. Makes a fine tree. 2 ft., \$1.50; 3 ft., \$3.00 to \$4.00; 3½ ft., \$5.00.

Picea (Spruce)

- EXCELSA.** (Norway Spruce.) A tall and beautiful tree, most widely grown of all the spruces, equally adaptable to planting as specimens on lawns, for shelter or wind-break. 2 to 2½ ft., 60c each; 3 ft., \$1.00 each.
- EXCELSA NIGRA.** (Black American Spruce.) A small or medium size tree, a native of Northern America, of great hardiness and particularly useful for planting in the Northern States. 12 to 15 inches, each 40c.
- OMORIKA.** (Servian Spruce.) A distinct and remarkably ornamental species of dense growth with narrow outline having shiny leaves of dark green with white lines above. A very hardy tree with conspicuous purple flowers followed by bluish black cones about 2 inches long which become a rich dark brown at maturity. 1½ to 2 ft., \$1.25 each.
- KOSTER'S BLUE SPRUCE.** (Pungens Glauca Kosteriana.) Notable variety from the Rocky Mountains and the most valuable conifer for ornamental planting. A rapid, vigorous grower, with stiff, close branches and brilliant, rich silvery blue foliage. Perfectly hardy under all conditions. More in demand at the present time than any other conifer. The stock we offer is the "Compacta" type, which is far more regular, compact and dense than the ordinary Koster Spruce, besides being of the deepest steel-blue. Beware of seedlings offered at low prices; these are not as blue in color nor as symmetrical and regular in shape. Well-shaped trees, especially selected from our large stock.
- | Each | | Each | |
|------------|------------------|----------------|--------------------|
| 18 in..... | \$2.00 to \$3.00 | 4 ft..... | \$ 8.00 to \$10.00 |
| 2 ft..... | 4.00 to 5.00 | 5 ft..... | 10.00 to 15.00 |
| 2½ ft..... | 5.00 to 6.00 | 5 to 6 ft..... | 15.00 to 20.00 |
| 3 ft..... | 6.00 to 7.00 | 6 to 7 ft..... | 20.00 to 35.00 |
- The variation in these prices is due to the great variation in

the individual specimens as to color, shape, symmetry and general appearance.

Tsuga (Hemlock)

- TSUGA CANADENSIS.** (Canadian Hemlock.) A tall and graceful tree with drooping, spreading branches of dark glossy green foliage. Indispensable for parks or landscapes. 2 ft., \$1.00 each; 3 ft., \$2.50 to \$3.00 each.

Retinispora

- RETINISPIORA FILEFERA.** (Thread-branched Japanese Cypress.) Ss. Slender, string-like, bright green foliage drooping in long filaments. Graceful and pyramidal habit. 18 in., 60c; 2 ft., \$1.00; 3 ft., \$2.50; 4 ft., \$5.00; 6 ft. specimens, \$7.00.

- R. Var PLUMOSA.** (Plume-like Japanese Cypress.) Lr. One of the hardiest and best. Delicate glaucous foliage. 2 ft., \$1.00; 3 ft., \$2.00; 4 ft., \$3.00; 5 ft., \$4.00.

- R. VAR PLUMOSA AUREA.** Lm. A striking, fine form of the above, and very hardy. Brilliantly golden throughout the season. One of the most desirable. 2 ft., \$1.00; 3 ft., \$2.00; 4 ft., \$3.00; 5 ft., \$4.00.

Pinus (Pines)

- AUSTRIACA.** (Austrian Pine.) A stately tree of pronounced type, growing regular shaped boughs, upward inclined, with rich foliage some 4 inches long and producing cones of a shiny brown color about 3 inches in length. It makes tall, rapid growth and adapts itself well in many parts. Is splendid for shelter purpose or as specimens on lawns. 1½ to 2 ft., 75c to \$1.00.

- MONTANA.** (Swiss Mountain Pine.) An attractive, vigorous growing dwarf pine of dense bright green foliage, especially adapted for rock plantings in small gardens. 10 in. high by 14 in. diameter, 75c to \$1.00 each; 12 in. high by 20 in. diameter, \$2.00 each.

- MUGHUS.** (Dwarf Pine.) A low growing handsome evergreen with vivid colored leaves of a twisty nature and cones of a brown grayish tinge. Makes a choice shrub for covering rocky parts in gardens. 12 to 15 in., 75c each; 12 in. high by 18 in. diameter, \$2.00 each; 18 in. high by 24 in. diameter, \$3.00.

- STROBUS.** (White Pine.) A very beautiful and graceful pine regular in form with horizontal boughs and dark green foliage, growing quite tall and surmounted by a symmetrically formed crown. 1 ft. to 1½ ft., 60c each.

Thuya (Arborvitae)

- OCCIDENTALIS.** (American Arborvitae.) A very pretty, shapely tree of pyramidal form. Is a native of America and grows easily, attaining a height of some 20 ft. The foliage is a fresh, vivid green, mellowing to a softer shade on the under side of leaf, turning in winter to a bronze. It makes a valuable plant for winter decorations to be kept in vases or tubs. 1 to 1½ ft., 50c; 1½ to 2 ft., 70c; 2 to 2½ ft., \$1.00; 4 to 5 ft., \$2.00.

- OCCIDENTALIS ROSENTHALLI.** Hardy compact grower with dense foliage of dark green. 1½ to 2 ft., 85c each; 2½ ft., \$1.50 each; 3 ft., \$2.25 each.

- ORIENTALIS.** (Oriental Arborvitae.) A low growing bushy tree of conical form. Foliage is bright green, turning in fall to a tinge of bronze. Is an excellent tub or vase plant for porch and is quite hardy. 3 ft., 75c each.

- T. var Globosa.** (Globe-headed Arborvitae.) VDs. Growing in low, thick, globe form with attractive foliage. Very distinct. 12 in., 50c; 18 in., 75c.



Gloede's research assures that you obtain exactly that for which you pay



Leave the World More Beautiful than You Found It

Greenhouse Department

Aspidistra

The Aspidistra is the easiest of all decorative plants to grow well. Give it a loamy soil and plenty of water, and it will ask for nothing more.

For veranda decoration in summer it is unexcelled. It is admirably adapted for use in front of a grate in summer because of its low, spreading habit of growth. In the hall, at any season of the year, it will attract more attention than almost any plant that can be grown there. It is never injured by insects. Those who have "no luck" with other decorative plants ought by all means to try this. Simply keep it well watered and fertilized and it will grow for anyone.

LURIDA. Green-leaved.

LURIDA VARIEGATA. A pretty variegated form, the foliage being striped with white. Each \$1.00 to \$10.00.

Aster (HOHENZOLLERN)

This Aster resembles the Giant Flowering Japanese Chrysanthemum. The flowers are large, with curled and twisted petals and long stems. Pink, lavender, white. Pot grown. Per doz., 50c; per 100, \$4.00.

CASTOR OIL BEAN PLANT. (Ricinus.) Green or red foliage plants for center of beds. Tall. Each 20c; doz. \$2.00.

Centaurea Imperialis

ROYAL SWEET SULTANS. This beautiful class is undoubtedly the finest of all Sweet Sultans for cut-flower purposes. The beautiful sweet scented, artistic-shaped flowers are borne on long, strong stems, and when cut will stand for several days in good condition. Flowers fragrant, about twice the size of Centaurea Cyanus, ranging in colors from pure white through pink to purple. White Favorita, brilliant rose. Lilacina, dark lilac. Splendens, purple crimson. Each 15; dozen \$1.50.

COBAEA SCANDENS. (Cathedral Bells.) Purplish lilac flowers, bell-shaped, prolific bloomers. Rapid grower.

	Each	Doz.	100
3-inch pots	\$0.20	\$2.00	\$15.00
4-inch pots30	3.00	

COLEUS. (Golden Bedder.) Large yellow leaves. Each 10c; doz. 75c; \$5.00 per 100.

VERSCHAFFELTII. Large dark crimson leaves. Each 10c; dozen 75c; per 100, \$5.00.



EAST ENTRANCE TO CONSERVATORIES

DAISY. (Bellis Perennis.) English Mammoth. Pink or white. Each 10c; dozen 75c; \$5.00 per 100.

Geraniums

Following are the best sorts: Twenty-seven thousand square feet of modern greenhouse construction are devoted to the cultivation of the following:

S. A. NUTT. The very best in the dark crimson, scarlet bedders. Always in heavy demand. Stands the sun perfectly, and is always a mass of bloom.

SILVER-LEAVED S. A. NUTT. Green, edged white; very similar to Mme. Saleroi; much stronger grower; flowers large, produced in fine trusses; very free bloomer; color brilliant crimson scarlet.

KENILWORTH. The best and larger single scarlet.

BEAUTE POITEVINE. The best semi-double, salmon bedder; large flowers, aurora-pink shading to bright salmon.

MRS. E. G. HILL. A magnificent variety; enormous trusses of large florets; the center of each petal is a soft, light salmon, bordered with rosy salmon; habit exceptionally strong and vigorous; attractively zoned; semi-dwarf; stands the sun perfectly. An old favorite bedder. Per 100, \$10.00 to \$15.00.

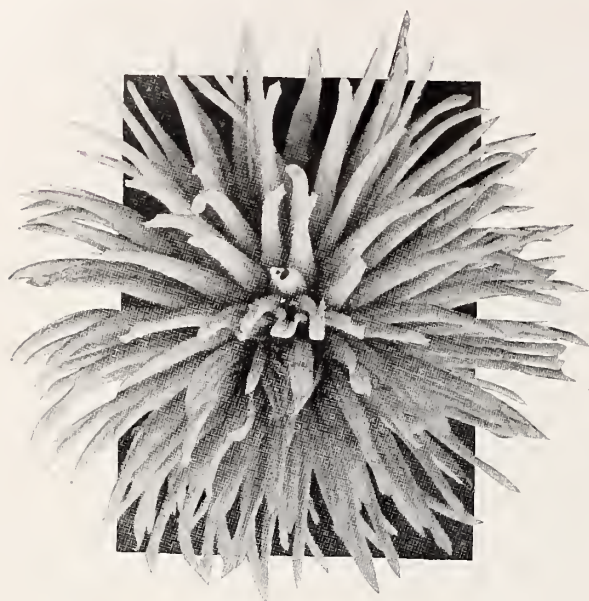


CENTAUREA IMPERIAL

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Gloede's Research in Horticulture



DAHLIA (CACTUS)

Choice and Rare Dahlias

The following list I offer I consider the very best of the foreign and American Dahlias, which I observed in the past season.

Contrary to popular opinion, I maintain that Dahlia plants are always superior to dry roots. I therefore offer strong plants only.

Price, except where noted, 25c each; \$2.50 per dozen.

COUNTESS OF LONSDALE. A delicate apricot shading toward the edges of the petals to carmine pink. Early and one of the very best.

DELICE. The finest pink decorative dahlia. Its beautiful soft, yet lively color, a glowing rose pink, borne on long, stiff stems, holding its flowers well above the foliage, makes this one of the most decorative sorts in the garden. It is also very valuable as a cut-flower, as it retains its freshness longer than most varieties. Each 35c.

FLORA (R). An ideal white, with large, heavy flowers on stout, stiff stems. A valuable cutting variety.

JACK ROSE. A rich velvety crimson, like that of the Jacqueminot Rose, from which it derives its name. A grand variety, splendid for cutting; flowers are full in center, measuring 6 to 7 inches across.

JEANNE CHARMET. Bright pink with crimson edges. Flower 7 to 8 inches in diameter, with long, wide, loosely formed petals. Center covered with short petals. Flowers borne on fine, long stems. Early and extra fine.

KAISERIN AUGUSTA VICTORIA. Pure white flowers, borne in great profusion on erect, stout stems, fully 18 inches long, all above foliage. The immense, perfect flowers can be kept in flower until Thanksgiving. One of the most valuable Dahlias, growing about 30 inches high and not requiring support of any kind.

KAISER WILHELM. Deep yellow, lightly tipped cherry red. Quilled petals on flowers of large size and fine form. Each 20c; 3 for 50c.

MISS MINNIE McCULLOCH. This is a splendid variety. The color is a soft yellow overlaid with bronze; very handsome under artificial light. The stems are strong. It is a good keeper and makes a good cut-flower.

PARSIFAL. One of the earliest and freest flowering of the white cactus varieties; the flowers are large, of good form, creamy white, produced on fine stems well above the foliage. Each 35c.

PINK CENTURY (R). Delicate soft pink, similar to Twentieth Century and an equally profuse bloomer, the largest and finest of the set. Strong and vigorous with fern-like foliage.

STRAHLENKRONE. Intense cardinal red, rich and glowing, with long twisted petals. A very early and profuse bloomer.

TWENTIETH CENTURY (R). Intense rosy crimson with white tips and white disc around the yellow center. As the season advances the dark colored zone becomes lighter and the color contrast is exquisite. Flowers very large, 5 to 6 inches in diameter.

WHITE CENTURY. A beautiful snow-white of immense size, 6 to 7 inches in diameter, making a fine show.

WILLIAM AGNEW. The richest shade of intense dazzling red. Flowers are large, measuring more than 5 inches in diameter.

WOLFGANG von GOETHE. A most charming sort, with large, perfect flowers of a rich velvety apricot color. Each 35c; dozen \$3.50.

YELLOW DUKE. Pure canary yellow, large size, flowers on good stiff stems. Each 20c; 3 for 50c.

HELIOTROPE CENTEFLEUR. Dark purple. Mammoth mixed, 4-inch pots. Each 20c; dozen \$2.00.

LOBELIA (Bedding Queen). Dark blue. Each 10c; doz. 50c.

Gloede's Lily Collection

No herbaceous border, shrubby border or wild garden is complete without a liberal representation of these most graceful and charming flowers. For chasteness and beauty of color and magnificence of form, the Lily stands pre-eminent. Contrary to general impression, they are of the easiest culture and will thrive and bloom in almost any situation except dense shade. They are equally decorative and attractive as a cut-flower for the house. In view of the rising popularity and increasing demand for these beautiful plants, we grow and import from all parts of the world varieties of great merit suitable for this climate.

I take pleasure in offering to my patrons the following superb collection, feeling assured that the returns will be more than commensurate with investment in the whole or any of the varieties. Many of the kinds I can supply in thousand lots for mass planting. I shall be pleased to quote special prices to customers desiring to purchase in large quantities.

AURATUM (Golden-banded Lily). Its large and graceful flowers are composed of six petals of a delicate ivory-white color, thickly studded with chocolate-crimson spots, and striped through the center a golden yellow. From six to twenty flowers are produced on a stem, and as the bulbs acquire age and strength, the flowers increase in size and number. Each 15c; \$1.50 per doz.; \$10 per 100.

BROWNII. One of the finest Lilies known: has immense trumpet-shaped flowers, inside pure white with brown anthers, exterior of petals deep reddish brown. Fine for pot culture, as well as being well adapted for outdoor planting. 50c each; \$5 per dozen.

CANDIDUM (Madonna Lily). An old favorite; flowers are pure white and very fragrant. 15c each; \$1.50 per dozen.

GIGANTEUM. The noble Himalayan Lily. The most majestic of all Lilies. When well established, grows 10 to 14 feet high, bearing numerous long tubular white flowers, streaked outside with purple; very handsome foliage. Large bulbs, \$1.50 each.

Gloede's research assures that you obtain exactly that for which you pay



Leave the World More Beautiful than You Found It



LILIES

MARTAGON. Strong-growing, producing twenty to thirty light-spotted purple flowers. Very graceful. 15c each; \$1.50 per dozen.

DALMATIUM. A stately Lily, bearing flowers ranging from pale to dark rosy purple. 75c each; \$8 per dozen.

RUBELLUM. The beautiful new species from Japan, somewhat like *L. Krameri*, but stronger-growing; flowers very early, the end of May, having beautiful rosy pink flowers, yellow anthers, sweet-scented. 50c each; \$5 per dozen.

SPECIOSUM (*Lancifolium*). The varieties of *Lilium Speciosum* comprise the most important group of any one species. They are of easy growth, and can always be relied upon to give satisfaction. The flowers are very beautiful, showy and distinct, and exquisitely fragrant. Magnificent as border plants. They are also excellent for pot culture.

ALBUM. Large white flower of great substance, with a greenish band running through the center of each petal. Fine bulbs, 15c each; \$1.50 per doz.; extra large bulbs, 20c each; \$2 per doz.

MELPOMENE. Very large flowers, rich blood-crimson, heavily spotted. 15c each; \$1.50 per doz.

ROSEUM. White, shaded and spotted with rose. Fine bulbs, 15c each; \$1.50 per doz.

RUBRUM. White, heavily spotted with rich crimson spots. 20c each; \$2 per doz.

SZOVITZIANUM (*Colchicum*). This and *Auratum* are without a doubt the finest; in color it is a rich citron, spotted with black; anthers a rich chocolate-brown. One of the earliest varieties to bloom. 50c each; \$5 per doz.

TIGRINUM. The well-known and beautiful Tiger Lily. A vigorous grower, producing brilliant orange-colored flowers, spotted with black. Very hardy and popular Lily. 10c each; \$1 per doz.

FLORE PLENO (*Double Tiger Lily*). Orange-red, spotted with black; double showy flowers. 12c each; \$1.25 per doz.

WASHINGTONIANUM. A distinct species, producing long panicles of flowers; white, shading off to lilac; fragrant. 50c each; \$5 per doz.

MUSA ENSETE. (*Banana Plant*.) Larger plants at 50c to \$3.00 each.

MARGUERITE (*Mrs. F. Sander*). New. Large, pure white. Double, each 20c; \$1.75 per doz.

QUEEN ALEXANDRA. Pure white. Each 15c; \$1.50 per doz.

Petunias

AMERICA. Queen of Petunias. A lovely, brilliant rose, measuring 4 to 6 inches in diameter.

RHEINGOLD. A large flowering, pure white with a clear yellow throat; beautiful.

VIOLET WUNDER. A giant violet of same size and habit. Each 25c; \$2.50 per doz.

ROSY MORN. Rose with white rosy markings. Each 15c; \$1.50 per doz.

Gloede's New Pansies

Pansies are a specialty with me, and I firmly assert that no firm in the world can offer a superior strain.

Each 10c; doz. \$1.00; per 100 \$8.00.

GLOEDE'S GIANT. These have been selected with a view to largest sized flowers of thick, velvety texture and most distinct colors, and have been brought as near perfection as possible. Doz. 50c; per 100 \$4.00.

PENNISETUM. Tender ornamental grasses and valuable addition to the list of bedding plants, and as a border to a bed of *Canas* or *Caladium esculentum* they are in a class by themselves.

MARCOPHYLLUM ATROSANGUINEUM (*Crimson Fountain Grass*). Foliage gracefully recurved, of a pleasing dark metallic, coppery-bronze, which far surpasses in richness the finest of the bronze-leaved *Cannas*; attains a height of about 4 feet, the ends of the shoots being terminated by tawny crimson plumes, 10 to 12 inches long. Ready April 15th. 15c each; \$1.50 per doz.; \$10 per 100.

CUPREUM. Similar in the dark coppery-bronze color of its foliage to the variety above, but with much narrower, gracefully recurving leaves; grows from 3 to 3½ feet high. A valuable border plant that is rapidly becoming popular. Plants ready April 15th. 15c each; \$1.0 per doz.; \$10.00 per 100.

RUEPELIANUM (*Purple Fountain Grass*). Grows about 3 feet high, producing long, graceful green foliage and cylindrical-purplish plumes. Young plants, ready in May, 10c each; \$1.00 per doz.; \$6.00 per 100.

Salpiglossis

Undoubtedly one of the most attractive annuals and should be in every garden. The blossoms are tube-shaped much like a *Petunia* but rivaling the latter in the beautiful colors displayed. Each flower is veined with a glint of gold, and it is the only flower to our knowledge possessing this odd characteristic.

The *Salpiglossis* is deservedly known as the Orchid of Hardy Annuals. If you are not familiar with this try it, and we know your garden will always contain it after you have seen it.

Each 15c; dozen \$1.50.



SINGLE PETUNIA, AMERICA

Gloede's research assures that you obtain exactly that for which you pay



Gloede's Research in Horticulture



Salvia Splendens (Scarlet Sage)

CLARA BEDMAN OR BONFIRE. Two feet. The spikes grow erect and stand clear above the foliage. The plants form handsome globular bushes.

FIREBALL. One and one-half feet. Has larger flowers and is also more free flowering than any other kind. The bushy plant is covered with a great number of flower spikes of the most fiery scarlet. The plants branch freely, the side shoots often producing 4 to 6 flowering spikes so evenly divided over the foliage and of such erect habit as to hide the foliage. It is the earliest of all, flowering by the middle of July and continuing until frost.

ZURICH. Early blooming flowering sage. The plants are dwarf and compact and commence to produce their large brilliant flowers when 3 inches high and bloom until frost. \$1.25 per dozen; \$10.00 per 100.

flowers appear on long, stiff stalks like small rosettes, are exceedingly fragrant and range through a most complete scale of all the soft and distinct shades.

DWARF GERMAN. Ten weeks, 1 foot. This class is a favorite for outdoor bedding. White, brilliant rose, light blue.

Pot grown, per dozen \$1.25; per 100 \$10.00.

Verbena Hybrida (Mammoth Types)

A carefully selected and improved strain of Verbenas. The trusses and individual flowers are of the largest size, of brilliant colors; free blooming and of vigorous habit.

DEFIANCE. The brightest color among Verbenas, real intense scarlet. White, Mayflower pink, purple, dark purple. Each 10c; dozen 75c.

Stocks, Large Flowering (Gilliflower Levkojen)

The stocks represent all the desirable qualities of a flower. The plants have good habit, fine dull or glossy leaves. The

Vinca

MAJOR VARIEGATA (Variegated Periwinkle). One of the very best plants for vases and for trailing over the edges of window boxes, etc. Leaves glossy green, broadly margined creamy-white; blue flowers. \$3.00 per dozen.

Decorative and House Plants

Asparagus Sprengeri

SPRENGERI. (Emerald Feather.) Excellent for hanging baskets, for bracket use and for cutting. It is one of the best of all plants for the window-box when planted on the outside, where it can droop over the edge of the box.

ASPARAGUS PLUMOSUS NANUS. Most popular house plant today. The bright green sprays surpass the Maiden-hair Fern in grace and delicacy of texture.

Large plants, each 25c.



ASPARAGUS SPRENGERI

Ferns

FERN BOSTON. It is of such easy culture and rapid growth, and is so graceful and ornamental, that it is rapidly superseding nearly all other varieties, both with the florist and amateur. Its long, graceful drooping fronds often attain a length of 5 or 6 feet in a single year, while its foliage is clean and healthy, not subject to the attacks of scale, mealy bugs and other insects. First size, each 25c, by mail; second size, each 75c by express; large size, each \$1.50 by express.

FERN WHITMANI. (Improved Ostrich Plume Fern.) The pinnae of this lovely type are divided and subdivided into a bewildering pluminess, yet with geometrical preciseness. Its growth is sturdy and vigorous and makes up early into splendid specimens. Each 50c; 6-inch pots \$1.00; specimens \$2.00 to \$10.00.

SMALL FERNS FOR DISHES. I sell thousands of these handsome ferns, dwarf in habit, for fern dishes. One each, eight distinct varieties. 15c each; 3 for 40c; 10 for \$1.00.

Gloede's research assures that you obtain exactly that for which you pay



Leave the World More Beautiful than You Found It



PALM PHOENIX ROEBELENI

Bay Trees

There is nothing to approach these handsome trees for decorating porches, piazzas or hall entrances and they are largely used for stately effects in formal gardens.

The oval leaves are a dark olive green and sweet scented. Will stand only slight frost. I handle a large stock of valuable and shapely specimen trees grown in standard and pyramidal form.

Standard or Tree Shaped

Stem	Crown	Each	Pair
30 to 36 in.....	24 in.....	\$ 9.00	\$16.50
42 to 45 in.....	26 in.....	10.00	18.00
42 to 45 in.....	28 in.....	12.00	22.00
42 to 45 in.....	30 in.....	15.00	28.00
45 to 48 in.....	34 in.....	18.00	34.00
45 to 48 in.....	40 in.....	22.00	40.00

Dwarf Standards

Stem	Crown	Each	Pair
12 in.....	30 in.....	\$10.00	\$18.00
18 to 20 in.....	24 in.....	9.00	16.50
24 to 30 in.....	24 in.....	10.00	18.00

Pyramidal Trees

Height	Base	Each	Pair
5 ft.....	24-26 in.....	\$10.00	\$18.00
6 ft.....	26-28 in.....	15.00	28.00

Box Trees

Sheared into compact shape these Box Trees make beautiful specimen plants in any form which can be used for all decorative purposes like the Bays, but at less expense. The Bush plants can also be used with telling effect for window boxes.

	Each	Pair
2½ ft. Pyramid.....	\$2.50	\$ 4.50
3 ft. Pyramid.....	3.00	5.50
3½ ft. Pyramid.....	4.00	7.00
4 ft. Pyramid.....	5.00	9.00
5½ ft. Pyramid.....	8.50	16.00

Globe Shaped

Stem	Crown	Each	Pair
15 in. high.....	15 in. diameter.....	\$3.50	\$6.00
18 in. high.....	18 in. diameter.....	4.00	7.00

Bush Shaped

Height	Each	Pair	Dozen	100
10-12 in.....	\$0.40		\$3.50	\$30.00
18 in.....	.85	\$1.60	9.00	
24 in.....	1.50	2.50		
30 in.....	3.00	5.50		

Palms

We have Kentia, Belmoreana and Forsteriana, and Phoenix Canariensis and Roebelenii; fine plants at 50c each and up. Sizes and prices on application.

Dracaenas

INDIVISA. This variety is used very extensively as a center plant for vases, porch and window boxes, etc. It stands full exposure to the sun, and its long, narrow, graceful foliage contrasts beautifully with other plants. \$1.00 each. Large specimens, \$2.00 to \$3.00 each.

Hydrangeas

Hydrangeas in tubs are the most satisfactory plants for lawn and piazza decoration. They should be kept in a sheltered place during the winter. We have an excellent lot of plants for summer flowering.

HORTENSIS. (Japanese Hydrangea.) Producing immense heads of pink flowers. Strong plants. Each 75c. Specimen Plants \$2.00 to \$5.00 each. I can also furnish same in blue. Each 75c. Specimen Plants \$2.00 to \$5.00.



HYDRANGAEA HORTENSIS

Gloede's research assures that you obtain exactly that for which you pay



A CORNER IN MY OFFICE BUILDING DURING ONE OF MY FLOWER SHOWS

Ordering and Shipping

Suggestions to customers in ordering from this catalogue. A reading of the following will prove an aid to you and to me.

EARLY ORDERS. My rush season comes in the months of March and April. Orders sent at once secure prompt shipment from my full stock.

HOW TO ORDER. Write your name, postoffice, state and express office plainly with black ink, on every order, and every time you write to me, give plain express, mail or freight directions; where none are given, I route the same at buyer's risk.

USE ORDER SHEET. The use of my order sheet enclosed in this catalogue is a great help to me in facilitating filling and shipment of orders. Instructions for use are on the sheet. Plant orders should give quantity, variety and size.

KEEP A COPY OF YOUR ORDER. Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with other goods or notice sent.

MISTAKES. These will happen in spite of all care. Write me at once, with copy of original order if possible, and mistakes will be promptly rectified. Please do not return goods until you hear from me.

ORDERS ARE PROMPTLY FILLED. Or in case of delay, notified by postal card. If you do not hear from an order sent me within a reasonable time, send me a duplicate order covering date of order, amount

of same and form of remittance, your name and full address. If you cover these points in your first letter, a long delay is often saved in tracing.

PLANT, TREE AND SMALL FRUIT ORDERS MUST AMOUNT TO \$1. I cannot afford to fill orders of less amount than one dollar, unless in addition to the amount for plants wanted, ten cents is sent.

FREIGHT OR EXPRESS. All express lines in the United States and Canada carry seeds and plants at the special reduced rate of 20 per cent less than general merchandise rates. On moderate sized orders I advise express shipment rather than freight.

TERMS. Same as on order sheet.

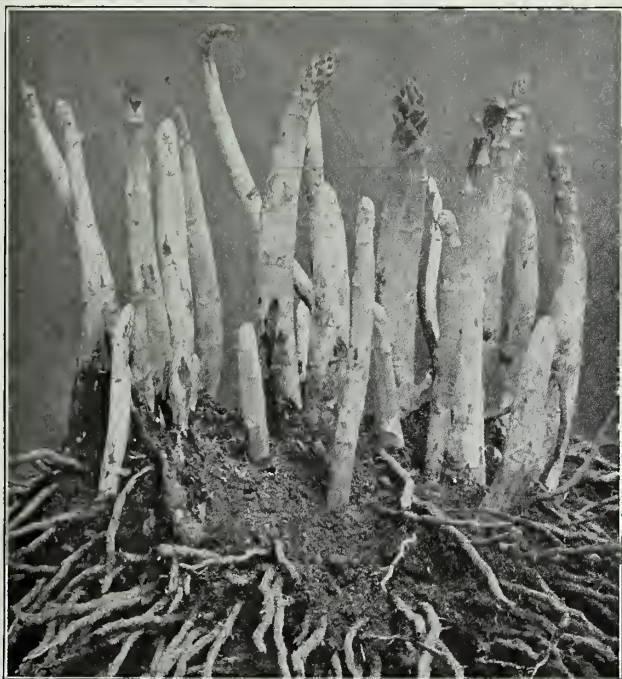
REMITTANCES. Remittances should be made either in the form of a P. O. Money Order, Bank Draft, Registered Letter, or Express Money Order.

SHIPPING SEASONS. Deciduous Trees, Shrubs, Roses and Vines, March 20, or as soon as weather will permit, up to the unfolding of the foliage, which is usually about May 10 to 15 in this locality; also through the months of October and November. Evergreens: April and May; also in August and September during a wet period. Hardy Perennials: April, May, August and September. Bedding Plants: May 20 to early July.

Gloede's research assures that you obtain exactly that for which you pay



Leave the World More Beautiful than You Found It



ASPARAGUS ROOTS

CONOVER'S COLOSSAL and PALMETTO. 2 years. Per 100, \$2.00. 1,000, \$15.00.

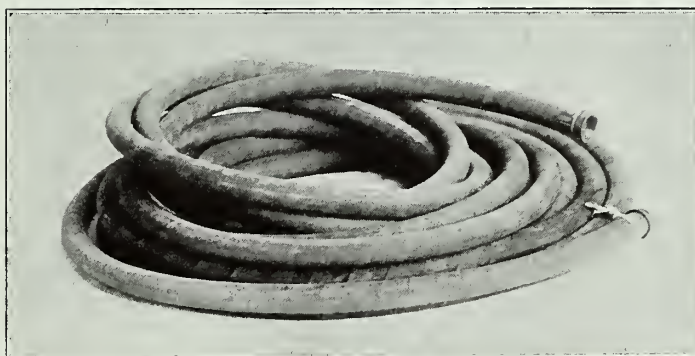
LAWN SEED

LAWN SEED. Gloede's fine Lawn Seed. Per lb., 30c; per 25 lbs., 29c; per 50 lbs., 28c; per 100 lbs., 25c.

FERTILIZER. An efficient, high grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings, giving it an even quality. The easy way of handling the Manure, not a pound being wasted, makes it cheaper than the rough Manure. Price, per 100 lbs., \$2.00. Will be pleased to quote prices on large lots.

GARDEN HOSE

Same as I use myself. Stands more abuse than any other make. 20c per foot.



Currants

Should hold a very important position in every garden, as they are of easy culture and may be devoted to many uses.

CHERRY. One of the largest red Currants; bunches short.

FAY'S PROLIFIC. A popular red Currant; very large and productive.

VICTORIA. Large red Currant; bunches long; ripens late.

WHITE DUTCH. An excellent white variety; medium size; very sweet.

WHITE GRAPE. Very large, yellowish white; sweet or very mild acid; fine bearer.

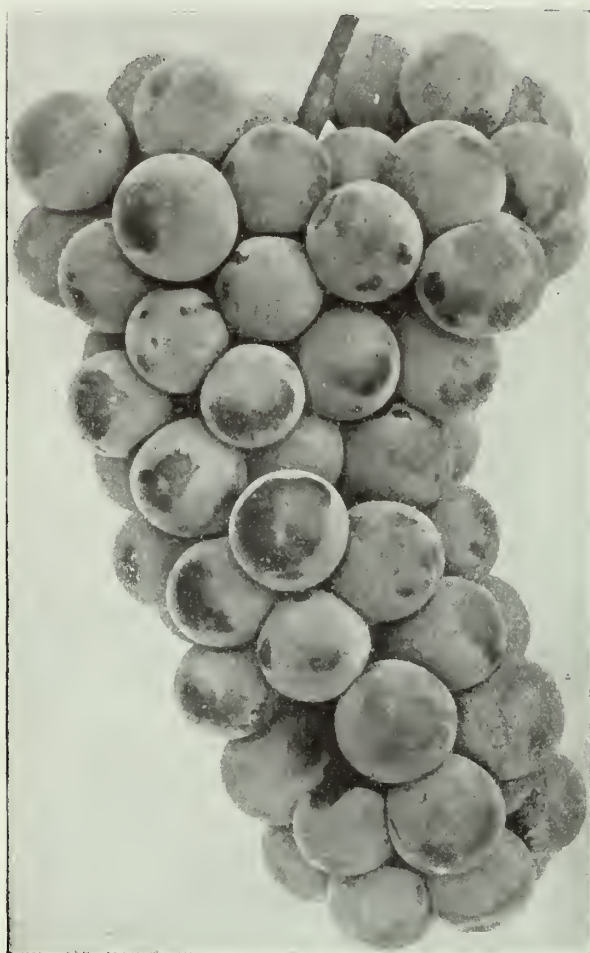
Each 20c; per dozen \$2.00.

About this time of year a tree agent will rap at your front door and urge you to buy fruit trees. The probability is that he is honest, believes what he tells you about the excellence of his wares, and is trying to make a living. But be firm and send him away without an order, or if he overcomes your judgment, give him a small order, and when the trees come cut off the roots and use the tops as brush for your pea vines. Don't set them out for fruit-bearing purposes in the years to come.

When rid of the agent, go to the nearest nurseryman who has been established in the business a long time, and buy your trees direct from him, after telling him just what you want and getting his personal assurance that the stock he sells you is true to name or type, that it is free from disease, and that it comes from good bearing stock.—Everyman's Garden, in *The Country Gentleman*.



Gloede's Research in Horticulture



Grapes

CONCORD (Black). Bunch large, shouldered, compact; berries large, covered with a rich bloom; skin tender, but sufficiently firm to carry well to distant markets; flesh juicy, sweet pulp, tender; vine a strong grower, very hardy, healthy, and productive.

CAMPBELL'S EARLY (Black). Bunch and berry large, glossy black, early and a great bearer.

NIAGARA. The vine is a strong grower and very hardy. Bunches very large and uniform and very compact; berries larger than Concord; quality good, very little pulp, melting and sweet to the center. Ripens before Concord.

WORDEN. A seedling of Concord, but larger in bunch and berry, of better flavor, earlier, as hardy and healthy in every way, producing fine crops that command good prices. A very superior grape that deserves to be a market leader.

DELAWARE (Red). Bunches small, compact; berries rather small; exceedingly sweet, spicy and delicious flavor. Strong plants only, each 25c; dozen \$2.50; per 100 \$16.00.

Gooseberries

It is best to plant in rich ground. Clean out old wood in spring and trim to keep bushes in shape.

Except where noted, 20c each; \$2 per dozen.

CROWN BOB. Large, roundish oval; red; hardy; first quality. 35c each; \$3.50 per dozen.

DOWNING. Large, whitish green; soft and juicy; vigorous and prolific.

HOUGHTON. Small to medium; pale red; sweet; very productive.

INDUSTRY. Large, roundish oval; dark red; of fine flavor and very productive. 35c each; \$3.50 per dozen.

KEEPSAKE. Very large, straw-colored; of excellent quality; very early. 35c each; \$3.50 per dozen.

Apples

BALDWIN. Large, roundish; deep bright red; juicy, crisp, sub-acid; good flavor; very productive of fair, handsome fruit. One of the most popular commercial varieties in northern states.

BEN DAVIS. Large, handsome, striped, productive; a late keeper. Tree remarkably healthy and vigorous. A profitable market sort.

GOLDEN SWEET. Of fine size, color and quality; one of the very best sweet apples. Forms a vigorous, spreading, fruitful tree. August.

NORTHERN SPY. Large, somewhat ribbed. Flesh white and tender, with a mild sub-acid, rich and delicious flavor. The tree should be kept open by pruning, so as to admit the air and light freely. January to June.

SPITZENBURG. Large, oblong and tapering; skin smooth, bright red, with numerous russet dots; flesh yellow, crisp, juicy, with a brisk, rich flavor. A moderate bearer.

Crab Apples

FLORENCE. Pinkish red, faintly striped with a darker red; wherever shaded it shows a deep yellow. The flesh is yellow, crisp, tender, juicy, brisk, sub-acid. The most profitable grower.

SIBERIAN. Large, golden yellow; very popular. September.

Fine trees, each \$1.00; per dozen \$10.00.

Plums

ABUNDANCE.

GREEN GAGE.

BRADSHAW.

LOMBARD.

5 to 6 feet, \$1.00.

Cherries

EARLY RICHMOND (Grafted on Morello). This is the best type of Early Richmond for the vicinity of Chicago, producing much more fruits than trees grafted on Mahaleb, etc. 7 feet, \$1.75; 7 feet, selected, \$2.25.

BLACK TARTARIAN. Very large; purplish black; very pleasant flavor; vigorous grower and an immense bearer; an old favorite. August.

MONTMORENCY. Large red; rich acid; useful for preserving; very prolific. Late June.

MORELLO (English Morello). Large, dark red; very prolific; the finest culinary Cherry grown. August.

Each \$1.00, \$2.00, \$3.00.

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Ordering and Shipping

MISCELLANEOUS

Asparagus Roots	
Currants	
Grapes	
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Crab Apples	
Plums	
Cherries	

[illegible]

[illegible]

Be Sure and Place Your Address Here

Name _____

Post Office _____

State _____

PLACE
STAMP
HERE



Landscape Architect and Horticulturist

East Entrance to Conservatories

Gloede's Conservatories

Evanston

Illinois



A NOOK IN GLOEDE'S GARDEN
Pansies in Foreground